

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070183.D
 Acq On : 18 Dec 2021 00:16
 Operator : JC/MD
 Sample : VN1217WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 06:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	964481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1616009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1473726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	577186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	686217	46.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.160%		
35) Dibromofluoromethane	8.021	113	468269	46.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.520%		
50) Toluene-d8	10.440	98	1810846	44.553	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.731	95	648842	44.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	154736	13.755	ug/l	99
3) Chloromethane	2.303	50	198806	14.107	ug/l	98
4) Vinyl Chloride	2.445	62	188358	14.535	ug/l	98
5) Bromomethane	2.848	94	106103	15.071	ug/l	99
6) Chloroethane	3.017	64	116402	14.658	ug/l	100
7) Trichlorofluoromethane	3.373	101	252717	14.859	ug/l	97
8) Diethyl Ether	3.824	74	115702	17.663	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	152715	16.018	ug/l	97
10) Methyl Iodide	4.419	142	197500	15.164	ug/l	98
11) Tert butyl alcohol	5.382	59	242418	86.120	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	145743	15.864	ug/l	90
13) Acrolein	4.041	56	232614	97.039	ug/l	99
14) Allyl chloride	4.840	41	341945	16.518	ug/l #	91
15) Acrylonitrile	5.559	53	652388	86.009	ug/l	99
16) Acetone	4.291	43	631629	70.510	ug/l	99
17) Carbon Disulfide	4.527	76	314683	13.258	ug/l	99
18) Methyl Acetate	4.859	43	462622	17.109	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	638918	17.886	ug/l	96
20) Methylene Chloride	5.092	84	192825	16.192	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	155421	15.575	ug/l	88
22) Diisopropyl ether	6.498	45	747233	18.467	ug/l	96
23) Vinyl Acetate	6.436	43	2887550	87.717	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	362402	17.290	ug/l	97
25) 2-Butanone	7.340	43	978472	80.392	ug/l	91
26) 2,2-Dichloropropane	7.327	77	231926	14.231	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	200017	16.591	ug/l	87
28) Bromochloromethane	7.656	49	169658	15.566	ug/l #	78
29) Tetrahydrofuran	7.689	42	647483	87.608	ug/l	87
30) Chloroform	7.820	83	367378	17.355	ug/l	99
31) Cyclohexane	8.096	56	328350	15.844	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	305613	16.949	ug/l	96
36) 1,1-Dichloropropene	8.222	75	246671	16.034	ug/l	97
37) Ethyl Acetate	7.415	43	383330	16.741	ug/l	96
38) Carbon Tetrachloride	8.206	117	239106	15.850	ug/l	98
39) Methylcyclohexane	9.459	83	269658	14.736	ug/l	87
40) Benzene	8.461	78	785058	16.695	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070183.D
 Acq On : 18 Dec 2021 00:16
 Operator : JC/MD
 Sample : VN1217WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 06:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189928	17.670	ug/l	90
42) 1,2-Dichloroethane	8.531	62	321261	16.924	ug/l	97
43) Isopropyl Acetate	8.563	43	587506	17.339	ug/l	94
44) Trichloroethene	9.217	130	181326	16.156	ug/l	94
45) 1,2-Dichloropropane	9.491	63	216943	17.180	ug/l	100
46) Dibromomethane	9.577	93	139155	16.803	ug/l	93
47) Bromodichloromethane	9.762	83	269843	17.210	ug/l	99
48) Methyl methacrylate	9.561	41	289976	18.338	ug/l #	81
49) 1,4-Dioxane	9.571	88	91654	323.033	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2002562	91.103	ug/l	95
52) Toluene	10.505	92	488897	17.030	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	271616	16.390	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	298975	16.499	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	200534	17.313	ug/l	97
56) Ethyl methacrylate	10.762	69	342652	17.243	ug/l	89
57) 1,3-Dichloropropane	11.044	76	352302	17.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	521265	100.212	ug/l	90
59) 2-Hexanone	11.087	43	1435278	86.316	ug/l	93
60) Dibromochloromethane	11.240	129	178368	16.065	ug/l	98
61) 1,2-Dibromoethane	11.344	107	200350	16.699	ug/l	99
64) Tetrachloroethene	10.977	164	169562	16.968	ug/l	95
65) Chlorobenzene	11.771	112	504361	16.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	181659	17.263	ug/l	99
67) Ethyl Benzene	11.846	91	941886	17.343	ug/l	95
68) m/p-Xylenes	11.953	106	687075	34.746	ug/l	92
69) o-Xylene	12.280	106	341906	17.166	ug/l	91
70) Styrene	12.294	104	543357	17.204	ug/l	95
71) Bromoform	12.457	173	130765	16.466	ug/l #	99
73) Isopropylbenzene	12.578	105	895735	17.443	ug/l	98
74) N-amyl acetate	12.390	43	396135	17.443	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	321443	18.101	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	294859m	17.814	ug/l	
77) Bromobenzene	12.859	156	205836	17.065	ug/l	77
78) n-propylbenzene	12.921	91	979714	17.144	ug/l	96
79) 2-Chlorotoluene	13.007	91	631277	17.483	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	725146	17.544	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	69175	16.628	ug/l	89
82) 4-Chlorotoluene	13.106	91	584199	17.204	ug/l	92
83) tert-Butylbenzene	13.323	119	646142	17.654	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	711779	18.082	ug/l	98
85) sec-Butylbenzene	13.503	105	857008	17.263	ug/l	98
86) p-Isopropyltoluene	13.616	119	669304	17.248	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	338576	17.086	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	324746	16.676	ug/l	96
89) n-Butylbenzene	13.943	91	500949	15.914	ug/l	97
90) Hexachloroethane	14.211	117	108467	15.921	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	333594	17.278	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55499	17.295	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	153249	18.129	ug/l	97
94) Hexachlorobutadiene	15.370	225	91901	17.960	ug/l	97
95) Naphthalene	15.507	128	479735	19.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	155799	18.495	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070183.D
 Acq On : 18 Dec 2021 00:16
 Operator : JC/MD
 Sample : VN1217WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN1217WBSD03

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 06:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070183.D
 Acq On : 18 Dec 2021 00:16
 Operator : JC/MD
 Sample : VN1217WBSD03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD03

Quant Time: Dec 18 06:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021

