

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070716.D
 Acq On : 20 Jan 2022 13:30
 Operator : JC/MD
 Sample : VN0120WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:12:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	811941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1343935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1219132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	475857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	585097	50.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.560%			
35) Dibromofluoromethane	8.021	113	416628	49.977	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.960%			
50) Toluene-d8	10.440	98	1743301	49.639	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.731	95	589189	47.080	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	160595	17.117	ug/l	98
3) Chloromethane	2.306	50	235088	17.142	ug/l	99
4) Vinyl Chloride	2.448	62	220598	16.912	ug/l	96
5) Bromomethane	2.859	94	143382	21.105	ug/l	99
6) Chloroethane	3.022	64	143328	17.608	ug/l	98
7) Trichlorofluoromethane	3.379	101	278533	18.692	ug/l	95
8) Diethyl Ether	3.827	74	132541	20.362	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.213	101	152568	16.941	ug/l	93
10) Methyl Iodide	4.425	142	203075	17.486	ug/l	100
11) Tert butyl alcohol	5.382	59	195022	92.896	ug/l	98
12) 1,1-Dichloroethene	4.181	96	147870	16.462	ug/l	88
13) Acrolein	4.041	56	300103	99.673	ug/l	99
14) Allyl chloride	4.841	41	348815	17.823	ug/l #	84
15) Acrylonitrile	5.557	53	626404	93.794	ug/l	99
16) Acetone	4.288	43	668992	82.832	ug/l	97
17) Carbon Disulfide	4.529	76	394053	16.153	ug/l	98
18) Methyl Acetate	4.859	43	287184	18.081	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	599552	18.684	ug/l	96
20) Methylene Chloride	5.095	84	190185	17.877	ug/l	89
21) trans-1,2-Dichloroethene	5.600	96	160454	17.749	ug/l	86
22) Diisopropyl ether	6.495	45	729524	18.806	ug/l #	93
23) Vinyl Acetate	6.436	43	3096804	94.176	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	349581	18.016	ug/l	99
25) 2-Butanone	7.337	43	924158	90.934	ug/l	92
26) 2,2-Dichloropropane	7.324	77	269444	18.111	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	191584	17.840	ug/l	85
28) Bromochloromethane	7.657	49	169705	19.479	ug/l #	76
29) Tetrahydrofuran	7.689	42	602453	96.813	ug/l	87
30) Chloroform	7.818	83	346514	17.963	ug/l	100
31) Cyclohexane	8.096	56	359502	17.545	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	279012	18.525	ug/l	98
36) 1,1-Dichloropropene	8.223	75	248307	17.693	ug/l	95
37) Ethyl Acetate	7.415	43	353141	18.953	ug/l	96
38) Carbon Tetrachloride	8.206	117	223056	17.866	ug/l	98
39) Methylcyclohexane	9.459	83	302249	17.445	ug/l #	87
40) Benzene	8.459	78	787056	18.099	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070716.D
 Acq On : 20 Jan 2022 13:30
 Operator : JC/MD
 Sample : VN0120WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:12:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	176501	18.620	ug/l	87
42) 1,2-Dichloroethane	8.531	62	280478	18.601	ug/l	99
43) Isopropyl Acetate	8.563	43	530233	18.632	ug/l #	96
44) Trichloroethene	9.217	130	172761	17.524	ug/l	92
45) 1,2-Dichloropropane	9.491	63	216873	18.330	ug/l	99
46) Dibromomethane	9.577	93	126371	18.369	ug/l	94
47) Bromodichloromethane	9.762	83	250349	17.802	ug/l	98
48) Methyl methacrylate	9.561	41	260426	19.209	ug/l #	79
49) 1,4-Dioxane	9.569	88	78911	387.484	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	1753214	96.546	ug/l	98
52) Toluene	10.505	92	477638	18.362	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	275495	17.782	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	304165	18.035	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	188372	18.434	ug/l	97
56) Ethyl methacrylate	10.760	69	314683	17.748	ug/l	88
57) 1,3-Dichloropropane	11.044	76	337521	18.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	370312	89.967	ug/l	90
59) 2-Hexanone	11.084	43	1271034	96.349	ug/l	96
60) Dibromochloromethane	11.237	129	172016	18.047	ug/l	100
61) 1,2-Dibromoethane	11.344	107	186060	18.135	ug/l	97
64) Tetrachloroethene	10.977	164	160314	17.935	ug/l	96
65) Chlorobenzene	11.768	112	480257	18.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	167622	18.429	ug/l	99
67) Ethyl Benzene	11.843	91	899183	18.361	ug/l	95
68) m/p-Xylenes	11.953	106	651103	36.547	ug/l	91
69) o-Xylene	12.280	106	325691	18.422	ug/l	90
70) Styrene	12.294	104	518905	18.346	ug/l	96
71) Bromoform	12.457	173	123301	17.946	ug/l #	99
73) Isopropylbenzene	12.578	105	846855	18.811	ug/l	98
74) N-amyl acetate	12.388	43	343879	18.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	293793	19.324	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	244028m	19.335	ug/l	
77) Bromobenzene	12.860	156	188689	18.694	ug/l	73
78) n-propylbenzene	12.919	91	942483	18.720	ug/l	95
79) 2-Chlorotoluene	13.007	91	599624	18.828	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	702153	19.287	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	76408	18.036	ug/l	98
82) 4-Chlorotoluene	13.104	91	556795	18.712	ug/l	90
83) tert-Butylbenzene	13.324	119	605006	19.091	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	676366	19.328	ug/l	96
85) sec-Butylbenzene	13.501	105	813852	18.890	ug/l	96
86) p-Isopropyltoluene	13.616	119	645668	19.078	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	314895	18.754	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	306041	18.315	ug/l	96
89) n-Butylbenzene	13.940	91	499521	17.891	ug/l	97
90) Hexachloroethane	14.209	117	107268	18.132	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	310318	18.706	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	47387	18.374	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	135553	17.788	ug/l	97
94) Hexachlorobutadiene	15.370	225	95033	19.343	ug/l	100
95) Naphthalene	15.507	128	352436	17.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	134152	18.153	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070716.D
 Acq On : 20 Jan 2022 13:30
 Operator : JC/MD
 Sample : VN0120WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0120WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:12:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

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

