

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071232.D
 Acq On : 10 Mar 2022 15:59
 Operator : JC\MD
 Sample : VN0310WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	730026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1169445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1039394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	458176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	456310	45.607	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.220%
35) Dibromofluoromethane	8.016	113	341266	46.244	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.480%
50) Toluene-d8	10.439	98	1375210	46.284	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.727	95	467958	46.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	145545	18.191	ug/l	95
3) Chloromethane	2.299	50	205515	19.112	ug/l	99
4) Vinyl Chloride	2.440	62	182489	18.611	ug/l	97
5) Bromomethane	2.852	94	103549	20.074	ug/l	99
6) Chloroethane	3.016	64	114096	19.215	ug/l	99
7) Trichlorofluoromethane	3.375	101	242078	18.758	ug/l	98
8) Diethyl Ether	3.822	74	101738	18.422	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	142300	19.047	ug/l	95
10) Methyl Iodide	4.422	142	174556	16.542	ug/l	100
11) Tert butyl alcohol	5.351	59	166509	84.716	ug/l	98
12) 1,1-Dichloroethene	4.187	96	133496	18.240	ug/l	94
13) Acrolein	4.040	56	104258	50.115	ug/l	99
14) Allyl chloride	4.840	41	289577	18.192	ug/l	86
15) Acrylonitrile	5.545	53	510554	87.481	ug/l	99
16) Acetone	4.281	43	430646	88.460	ug/l	95
17) Carbon Disulfide	4.534	76	359957	17.276	ug/l	100
18) Methyl Acetate	4.846	43	277654	21.507	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	525639	19.129	ug/l	95
20) Methylene Chloride	5.093	84	164173	18.692	ug/l #	85
21) trans-1,2-Dichloroethene	5.598	96	149186	18.636	ug/l	92
22) Diisopropyl ether	6.492	45	591866	18.873	ug/l	91
23) Vinyl Acetate	6.428	43	2548736	96.001	ug/l	98
24) 1,1-Dichloroethane	6.387	63	309241	18.661	ug/l	97
25) 2-Butanone	7.328	43	687150	87.622	ug/l	96
26) 2,2-Dichloropropane	7.322	77	254466	19.905	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	175806	18.504	ug/l	89
28) Bromochloromethane	7.651	49	143911	19.502	ug/l	84
29) Tetrahydrofuran	7.681	42	479076	88.181	ug/l	92
30) Chloroform	7.816	83	295743	18.712	ug/l	99
31) Cyclohexane	8.092	56	299369	18.737	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	257615	19.135	ug/l	98
36) 1,1-Dichloropropene	8.216	75	223105	18.869	ug/l	96
37) Ethyl Acetate	7.404	43	295782	18.177	ug/l	97
38) Carbon Tetrachloride	8.204	117	215370	18.832	ug/l	97
39) Methylcyclohexane	9.457	83	274541	19.738	ug/l	93
40) Benzene	8.457	78	686879	19.281	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071232.D
 Acq On : 10 Mar 2022 15:59
 Operator : JC\MD
 Sample : VN0310WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	151889	19.073	ug/l #	82
42) 1,2-Dichloroethane	8.528	62	244636	19.734	ug/l	100
43) Isopropyl Acetate	8.557	43	575428	23.647	ug/l #	88
44) Trichloroethene	9.210	130	162490	19.331	ug/l	94
45) 1,2-Dichloropropane	9.481	63	181792	19.010	ug/l	97
46) Dibromomethane	9.575	93	113821	19.338	ug/l	97
47) Bromodichloromethane	9.757	83	227349	19.113	ug/l	99
48) Methyl methacrylate	9.557	41	214732	19.042	ug/l #	83
49) 1,4-Dioxane	9.563	88	73649	375.732	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	1392467	92.206	ug/l	100
52) Toluene	10.498	92	414941	18.916	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	251276	19.164	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	271509	18.951	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	164342	18.696	ug/l	98
56) Ethyl methacrylate	10.757	69	268670	18.716	ug/l	91
57) 1,3-Dichloropropane	11.039	76	299482	18.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	39911	39.624	ug/l	92
59) 2-Hexanone	11.080	43	1007408	97.768	ug/l	100
60) Dibromochloromethane	11.233	129	168886	19.337	ug/l	99
61) 1,2-Dibromoethane	11.339	107	166240	18.504	ug/l	99
64) Tetrachloroethene	10.975	164	145015	20.004	ug/l	98
65) Chlorobenzene	11.763	112	431061	19.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	160583	19.620	ug/l	99
67) Ethyl Benzene	11.839	91	786224	19.921	ug/l	97
68) m/p-Xylenes	11.951	106	602742	41.746	ug/l	97
69) o-Xylene	12.274	106	294118	20.322	ug/l	98
70) Styrene	12.292	104	467645	20.874	ug/l	97
71) Bromoform	12.451	173	120400	19.370	ug/l #	98
73) Isopropylbenzene	12.574	105	761776	17.247	ug/l	100
74) N-amyl acetate	12.380	43	306938	18.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	256905	17.930	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	225238m	18.506	ug/l	
77) Bromobenzene	12.857	156	176573	17.144	ug/l	82
78) n-propylbenzene	12.916	91	857025	18.083	ug/l	98
79) 2-Chlorotoluene	13.004	91	527429	17.336	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	623000	18.130	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	76663	18.087	ug/l	93
82) 4-Chlorotoluene	13.098	91	506344	18.685	ug/l	94
83) tert-Butylbenzene	13.321	119	548396	17.883	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	615478	18.700	ug/l	100
85) sec-Butylbenzene	13.498	105	754163	18.503	ug/l	99
86) p-Isopropyltoluene	13.610	119	615233	19.193	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	311275	18.601	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	305910	18.701	ug/l	98
89) n-Butylbenzene	13.939	91	485983	19.384	ug/l	96
90) Hexachloroethane	14.204	117	102796	16.126	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	305864	19.011	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	47047	18.307	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	138678	20.354	ug/l	98
94) Hexachlorobutadiene	15.363	225	87558	19.386	ug/l	98
95) Naphthalene	15.504	128	381737	21.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	136142	20.624	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
Data File : VN071232.D
Acq On : 10 Mar 2022 15:59
Operator : JC\MD
Sample : VN0310WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2022
Supervised By :Mahesh Dadoda 03/15/2022

Quant Time: Mar 11 02:11:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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

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

