

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075416.D
 Acq On : 25 Nov 2022 13:19
 Operator : JC\MD
 Sample : VN1125WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 03:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	161776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43608	50.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.171	113	55363	53.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.620%			
50) Toluene-d8	10.570	98	123444	52.777	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%			
62) 4-Bromofluorobenzene	12.853	95	94505	54.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21139	17.088	ug/l	100
3) Chloromethane	2.377	50	26596	17.279	ug/l	100
4) Vinyl Chloride	2.524	62	33902	17.476	ug/l	98
5) Bromomethane	2.942	94	30760	18.032	ug/l	97
6) Chloroethane	3.118	64	28987	19.720	ug/l	94
7) Trichlorofluoromethane	3.506	101	48729	17.583	ug/l	96
8) Diethyl Ether	3.971	74	18847	19.404	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	29195	19.083	ug/l	92
10) Methyl Iodide	4.594	142	46352	18.697	ug/l	97
11) Tert butyl alcohol	5.541	59	35497	97.374	ug/l #	72
12) 1,1-Dichloroethene	4.353	96	27592	18.418	ug/l	85
13) Acrolein	4.194	56	27618	86.965	ug/l	98
14) Allyl chloride	5.030	41	37102m	19.146	ug/l	
15) Acrylonitrile	5.736	53	79647	95.231	ug/l	99
16) Acetone	4.441	43	70811	87.421	ug/l	95
17) Carbon Disulfide	4.724	76	63399	16.284	ug/l #	95
18) Methyl Acetate	5.041	43	43311	20.445	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	102036	19.226	ug/l	100
20) Methylene Chloride	5.288	84	33062	19.345	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	31422	18.404	ug/l	90
22) Diisopropyl ether	6.683	45	81574	18.447	ug/l	94
23) Vinyl Acetate	6.612	43	336008m	95.508	ug/l	
24) 1,1-Dichloroethane	6.577	63	52463	18.483	ug/l	98
25) 2-Butanone	7.488	43	107919	95.431	ug/l	98
26) 2,2-Dichloropropane	7.494	77	47803	18.121	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	36526	18.920	ug/l	94
28) Bromochloromethane	7.824	49	22937	19.907	ug/l #	81
29) Tetrahydrofuran	7.841	42	67344	97.903	ug/l	96
30) Chloroform	7.971	83	59443	18.236	ug/l	99
31) Cyclohexane	8.259	56	48517	17.585	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	53860	18.198	ug/l	97
36) 1,1-Dichloropropene	8.377	75	42540	18.784	ug/l	97
37) Ethyl Acetate	7.571	43	41422	20.313	ug/l	99
38) Carbon Tetrachloride	8.371	117	49241	19.793	ug/l	98
39) Methylcyclohexane	9.606	83	55300	19.510	ug/l	94
40) Benzene	8.612	78	131256	18.930	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075416.D
 Acq On : 25 Nov 2022 13:19
 Operator : JC\MD
 Sample : VN1125WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 03:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	21149	20.286	ug/l	98
42) 1,2-Dichloroethane	8.671	62	45350	19.529	ug/l	96
43) Isopropyl Acetate	8.694	43	64617	19.741	ug/l	97
44) Trichloroethene	9.353	130	37223	19.619	ug/l	92
45) 1,2-Dichloropropane	9.623	63	31835	19.266	ug/l	100
46) Dibromomethane	9.712	93	23885	19.111	ug/l #	88
47) Bromodichloromethane	9.888	83	47156	19.483	ug/l	97
48) Methyl methacrylate	9.688	41	30754	20.320	ug/l	94
49) 1,4-Dioxane	9.700	88	17965	418.017	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	210656	101.046	ug/l	95
52) Toluene	10.629	92	88278	19.757	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	49033	20.180	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	54476	20.642	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	34767	19.104	ug/l	99
56) Ethyl methacrylate	10.876	69	50812	20.674	ug/l	96
57) 1,3-Dichloropropane	11.165	76	56483	19.035	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	97544	110.046	ug/l	94
59) 2-Hexanone	11.200	43	158953	101.538	ug/l	97
60) Dibromochloromethane	11.359	129	39328	21.053	ug/l	99
61) 1,2-Dibromoethane	11.470	107	38190	20.218	ug/l	99
64) Tetrachloroethene	11.106	164	35225	19.032	ug/l #	85
65) Chlorobenzene	11.894	112	97493	19.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	36781	19.690	ug/l	99
67) Ethyl Benzene	11.965	91	166074	19.449	ug/l	100
68) m/p-Xylenes	12.076	106	136794	39.449	ug/l	100
69) o-Xylene	12.400	106	68181	19.789	ug/l	94
70) Styrene	12.412	104	108638	19.988	ug/l	98
71) Bromoform	12.582	173	28836	20.282	ug/l #	100
73) Isopropylbenzene	12.700	105	173678	19.428	ug/l	97
74) N-amyl acetate	12.494	43	54599	19.867	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	54307	19.926	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47966m	20.734	ug/l	
77) Bromobenzene	12.982	156	43353	19.644	ug/l	84
78) n-propylbenzene	13.041	91	198210	19.868	ug/l	98
79) 2-Chlorotoluene	13.129	91	117404	19.532	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	149459	20.124	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15761	20.157	ug/l	98
82) 4-Chlorotoluene	13.129	91	117404	19.532	ug/l	95
83) tert-Butylbenzene	13.441	119	136810	20.204	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	150790	20.241	ug/l	99
85) sec-Butylbenzene	13.617	105	183998	20.026	ug/l	98
86) p-Isopropyltoluene	13.735	119	159169	20.590	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	84554	20.221	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	84917	19.992	ug/l	98
89) n-Butylbenzene	14.059	91	126289	19.343	ug/l	98
90) Hexachloroethane	14.335	117	26358	19.764	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	83431	20.469	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10233	19.821	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	42389	20.294	ug/l	98
94) Hexachlorobutadiene	15.505	225	21873	20.104	ug/l	97
95) Naphthalene	15.647	128	136627	20.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	41140	20.040	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
Data File : VN075416.D
Acq On : 25 Nov 2022 13:19
Operator : JC\MD
Sample : VN1125WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 03:34:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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

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

