

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075811.D
 Acq On : 15 Dec 2022 12:26
 Operator : JC\MD
 Sample : VN1215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	526042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	464443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186970	51.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	8.171	113	170333	52.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	10.571	98	649607	53.333	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.853	95	215379	53.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	41595	17.561	ug/l	97
3) Chloromethane	2.371	50	49597	16.840	ug/l	98
4) Vinyl Chloride	2.524	62	58522	16.658	ug/l	98
5) Bromomethane	2.965	94	49841	16.693	ug/l	100
6) Chloroethane	3.130	64	43665	16.784	ug/l	95
7) Trichlorofluoromethane	3.512	101	92833	17.414	ug/l	90
8) Diethyl Ether	3.977	74	36047	18.513	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	56942	18.706	ug/l	98
10) Methyl Iodide	4.600	142	87073	17.625	ug/l	100
11) Tert butyl alcohol	5.530	59	46574	90.698	ug/l	99
12) 1,1-Dichloroethene	4.353	96	50348	17.030	ug/l	97
13) Acrolein	4.195	56	76583	121.649	ug/l	99
14) Allyl chloride	5.030	41	60206	17.420	ug/l	90
15) Acrylonitrile	5.730	53	131325	93.715	ug/l	99
16) Acetone	4.442	43	125991	100.712	ug/l	95
17) Carbon Disulfide	4.730	76	119568	16.704	ug/l	98
18) Methyl Acetate	5.036	43	67030	18.127	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	183653	18.863	ug/l	97
20) Methylene Chloride	5.283	84	60980	17.810	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	56502	17.451	ug/l	96
22) Diisopropyl ether	6.683	45	156918	18.690	ug/l	95
23) Vinyl Acetate	6.612	43	586076	103.712	ug/l	97
24) 1,1-Dichloroethane	6.577	63	100851	18.011	ug/l	98
25) 2-Butanone	7.494	43	170246	97.193	ug/l	99
26) 2,2-Dichloropropane	7.494	77	87078	18.364	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	71112	18.364	ug/l	97
28) Bromochloromethane	7.818	49	41541	16.927	ug/l	97
29) Tetrahydrofuran	7.847	42	104981	95.637	ug/l	99
30) Chloroform	7.971	83	111597	17.702	ug/l	98
31) Cyclohexane	8.259	56	92834	17.862	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	101140	18.096	ug/l	98
36) 1,1-Dichloropropene	8.377	75	80389	18.576	ug/l	98
37) Ethyl Acetate	7.565	43	68077	19.585	ug/l	97
38) Carbon Tetrachloride	8.371	117	88160	18.202	ug/l	98
39) Methylcyclohexane	9.606	83	102516	19.636	ug/l	98
40) Benzene	8.612	78	244022	18.276	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075811.D
 Acq On : 15 Dec 2022 12:26
 Operator : JC\MD
 Sample : VN1215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34568	19.132	ug/l	95
42) 1,2-Dichloroethane	8.677	62	82387	18.560	ug/l	99
43) Isopropyl Acetate	8.694	43	112430	19.608	ug/l	99
44) Trichloroethene	9.353	130	65990	17.544	ug/l	90
45) 1,2-Dichloropropane	9.630	63	59701	18.374	ug/l	93
46) Dibromomethane	9.712	93	44163	18.326	ug/l	97
47) Bromodichloromethane	9.888	83	87356	18.485	ug/l	97
48) Methyl methacrylate	9.682	41	52081	20.166	ug/l	99
49) 1,4-Dioxane	9.700	88	24226	381.568	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	342464	98.758	ug/l	99
52) Toluene	10.629	92	164846	18.957	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	88796	19.195	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	98461	19.385	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65123	19.080	ug/l	97
56) Ethyl methacrylate	10.877	69	89740	19.795	ug/l	99
57) 1,3-Dichloropropane	11.165	76	104872	18.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	123142	85.314	ug/l	100
59) 2-Hexanone	11.200	43	252323	99.776	ug/l	100
60) Dibromochloromethane	11.359	129	71314	18.788	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64833	18.770	ug/l	96
64) Tetrachloroethene	11.106	164	59353	18.161	ug/l	96
65) Chlorobenzene	11.894	112	174488	18.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	66726	18.898	ug/l	98
67) Ethyl Benzene	11.965	91	312365	19.415	ug/l	100
68) m/p-Xylenes	12.071	106	248828	39.076	ug/l	99
69) o-Xylene	12.400	106	125701	19.947	ug/l	96
70) Styrene	12.412	104	196586	19.620	ug/l	99
71) Bromoform	12.582	173	49061	19.096	ug/l #	100
73) Isopropylbenzene	12.700	105	318502	20.620	ug/l	100
74) N-amyl acetate	12.494	43	95828	21.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	92381	19.347	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	77745m	18.044	ug/l	
77) Bromobenzene	12.982	156	76634	19.604	ug/l	97
78) n-propylbenzene	13.035	91	354303	20.797	ug/l	99
79) 2-Chlorotoluene	13.129	91	211925	19.928	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	269214	20.824	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23692	19.793	ug/l	97
82) 4-Chlorotoluene	13.129	91	211925	19.928	ug/l	100
83) tert-Butylbenzene	13.441	119	240792	21.125	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	268728	20.954	ug/l	97
85) sec-Butylbenzene	13.618	105	331989	21.103	ug/l	100
86) p-Isopropyltoluene	13.729	119	277032	21.163	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	137811	19.085	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	139626	18.928	ug/l	99
89) n-Butylbenzene	14.059	91	215131	20.286	ug/l	99
90) Hexachloroethane	14.335	117	46146	19.707	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	138479	19.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16111	19.015	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	66232	18.809	ug/l	99
94) Hexachlorobutadiene	15.500	225	37919	19.738	ug/l	99
95) Naphthalene	15.641	128	195292	18.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64743	19.672	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075811.D
Acq On : 15 Dec 2022 12:26
Operator : JC\MD
Sample : VN1215WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

