

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082140.D
 Acq On : 15 May 2024 18:50
 Operator : JC\MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:08:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153019	56.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.100%			
35) Dibromofluoromethane	8.165	113	100819	52.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	10.565	98	372573	50.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.853	95	122134	46.839	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1021	0.410	ug/l	93
3) Chloromethane	2.359	50	1642	0.581	ug/l	89
4) Vinyl Chloride	2.518	62	1161	0.437	ug/l #	85
5) Bromomethane	2.977	94	1450	0.950	ug/l #	66
6) Chloroethane	3.118	64	1043	0.601	ug/l #	44
7) Trichlorofluoromethane	3.500	101	1761	0.506	ug/l	90
8) Diethyl Ether	3.965	74	437	0.353	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.377	101	855	0.421	ug/l #	56
10) Methyl Iodide	4.606	142	710	0.348	ug/l #	40
11) Tert butyl alcohol	5.518	59	947m	2.161	ug/l	
12) 1,1-Dichloroethene	4.353	96	906	0.480	ug/l #	68
13) Acrolein	4.189	56	592	1.823	ug/l	90
14) Allyl chloride	5.018	41	1699	0.420	ug/l #	75
15) Acrylonitrile	5.724	53	2483	2.188	ug/l	97
16) Acetone	4.430	43	2585	2.308	ug/l #	86
17) Carbon Disulfide	4.712	76	3528	0.579	ug/l	95
18) Methyl Acetate	5.042	43	1326	0.475	ug/l #	47
19) Methyl tert-butyl Ether	5.800	73	3061	0.444	ug/l #	90
20) Methylene Chloride	5.283	84	1692	0.749	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	960	0.467	ug/l #	78
22) Diisopropyl ether	6.665	45	3246	0.385	ug/l #	83
23) Vinyl Acetate	6.606	43	13673m	2.054	ug/l	
24) 1,1-Dichloroethane	6.565	63	1746	0.401	ug/l #	81
25) 2-Butanone	7.500	43	4203	2.475	ug/l #	70
26) 2,2-Dichloropropane	7.494	77	1497	0.411	ug/l	81
27) cis-1,2-Dichloroethene	7.483	96	1155	0.476	ug/l	82
28) Bromochloromethane	7.806	49	932	0.460	ug/l #	97
29) Tetrahydrofuran	7.847	42	2390	2.192	ug/l #	83
30) Chloroform	7.965	83	1904	0.458	ug/l #	83
31) Cyclohexane	8.230	56	6988	1.603	ug/l #	46
32) 1,1,1-Trichloroethane	8.183	97	1507	0.409	ug/l #	47
36) 1,1-Dichloropropene	8.365	75	1292	0.404	ug/l #	47
37) Ethyl Acetate	7.565	43	1675m	0.468	ug/l	
38) Carbon Tetrachloride	8.359	117	1176	0.363	ug/l #	87
39) Methylcyclohexane	9.606	83	1463	0.418	ug/l #	85
40) Benzene	8.606	78	4415	0.463	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082140.D
 Acq On : 15 May 2024 18:50
 Operator : JC\MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:08:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:08:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	897	0.426	ug/l #	38
42) 1,2-Dichloroethane	8.671	62	1803	0.492	ug/l #	73
43) Isopropyl Acetate	8.694	43	2938	0.464	ug/l #	65
44) Trichloroethene	9.359	130	1052	0.486	ug/l	64
45) 1,2-Dichloropropane	9.630	63	976	0.397	ug/l	93
46) Dibromomethane	9.706	93	549	0.340	ug/l	93
47) Bromodichloromethane	9.888	83	1412	0.414	ug/l #	88
48) Methyl methacrylate	9.682	41	1398	0.463	ug/l #	77
49) 1,4-Dioxane	9.688	88	344	8.130	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	7656	2.126	ug/l	87
52) Toluene	10.635	92	2622	0.458	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	1501	0.426	ug/l #	73
54) cis-1,3-Dichloropropene	10.312	75	1426	0.382	ug/l #	74
55) 1,1,2-Trichloroethane	11.018	97	798	0.384	ug/l #	85
56) Ethyl methacrylate	10.876	69	1361	0.386	ug/l #	68
57) 1,3-Dichloropropane	11.159	76	1422	0.366	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	3968	2.180	ug/l #	87
59) 2-Hexanone	11.200	43	5329	2.021	ug/l	81
60) Dibromochloromethane	11.359	129	976	0.426	ug/l	98
61) 1,2-Dibromoethane	11.471	107	907	0.425	ug/l	95
64) Tetrachloroethene	11.112	164	864	0.432	ug/l #	75
65) Chlorobenzene	11.894	112	2846	0.477	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.959	131	946	0.482	ug/l #	63
67) Ethyl Benzene	11.965	91	4363	0.409	ug/l	99
68) m/p-Xylenes	12.071	106	2986	0.764	ug/l	85
69) o-Xylene	12.406	106	1478	0.390	ug/l	86
70) Styrene	12.418	104	2272	0.361	ug/l	93
71) Bromoform	12.582	173	523	0.371	ug/l #	79
73) Isopropylbenzene	12.688	105	3900	0.456	ug/l	97
74) N-amyl acetate	12.494	43	2020	0.429	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.935	83	1181	0.479	ug/l #	95
76) 1,2,3-Trichloropropane	13.006	75	1027m	0.453	ug/l	
77) Bromobenzene	12.982	156	871	0.427	ug/l	64
78) n-propylbenzene	13.035	91	4574	0.452	ug/l	97
79) 2-Chlorotoluene	13.129	91	3314	0.521	ug/l	85
80) 1,3,5-Trimethylbenzene	13.170	105	2861	0.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	195m	0.201	ug/l	
82) 4-Chlorotoluene	13.223	91	2925	0.470	ug/l	87
83) tert-Butylbenzene	13.441	119	2633	0.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	2626	0.371	ug/l	99
85) sec-Butylbenzene	13.617	105	3216	0.383	ug/l	88
86) p-Isopropyltoluene	13.729	119	2688	0.394	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	1730	0.468	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	2146m	0.569	ug/l	
89) n-Butylbenzene	14.059	91	2660	0.434	ug/l	89
90) Hexachloroethane	14.329	117	469	0.371	ug/l	88
91) 1,2-Dichlorobenzene	14.100	146	1594	0.456	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	120	0.237	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.400	180	802	0.409	ug/l	92
94) Hexachlorobutadiene	15.511	225	535	0.622	ug/l #	53
95) Naphthalene	15.641	128	2417	0.394	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.847	180	883	0.450	ug/l	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
Data File : VN082140.D
Acq On : 15 May 2024 18:50
Operator : JC\MD
Sample : P2403-07 0.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

Quant Time: May 16 06:08:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 06:08:03 2024
Response via : Initial Calibration

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

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

