

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082139.D
 Acq On : 15 May 2024 18:26
 Operator : JC\MD
 Sample : P2403-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 16 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:39:14 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	206817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163293	50.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.000%			
35) Dibromofluoromethane	8.165	113	107073	48.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	10.571	98	406803	48.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.847	95	126918	42.247	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	511	0.171	ug/l	90
3) Chloromethane	2.365	50	1050	0.311	ug/l	94
4) Vinyl Chloride	2.524	62	633	0.199	ug/l #	44
5) Bromomethane	2.965	94	1158	0.634	ug/l	97
6) Chloroethane	3.118	64	418	0.202	ug/l #	44
7) Trichlorofluoromethane	3.506	101	581	0.140	ug/l	97
8) Diethyl Ether	3.965	74	76	0.051	ug/l #	4
9) 1,1,2-Trichlorotrifluo...	4.371	101	218	0.090	ug/l #	59
10) Methyl Iodide	4.583	142	360	0.147	ug/l #	40
11) Tert butyl alcohol	5.518	59	64	0.122	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	253	0.112	ug/l #	75
13) Acrolein	4.183	56	261	0.672	ug/l #	15
14) Allyl chloride	5.024	41	728	0.151	ug/l #	60
15) Acrylonitrile	5.712	53	1002	0.738	ug/l #	54
16) Acetone	4.442	43	1917m	1.431	ug/l	
17) Carbon Disulfide	4.712	76	2247	0.308	ug/l #	74
18) Methyl Acetate	5.030	43	786	0.236	ug/l #	47
19) Methyl tert-butyl Ether	5.789	73	1389m	0.168	ug/l	
20) Methylene Chloride	5.283	84	1018	0.377	ug/l #	58
21) trans-1,2-Dichloroethene	5.789	96	433	0.176	ug/l #	51
22) Diisopropyl ether	6.671	45	1537	0.152	ug/l #	76
23) Vinyl Acetate	6.600	43	5964	0.749	ug/l	99
24) 1,1-Dichloroethane	6.571	63	480	0.092	ug/l #	81
25) 2-Butanone	7.489	43	1852	0.912	ug/l #	43
26) 2,2-Dichloropropane	7.494	77	626	0.144	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	486	0.167	ug/l	60
28) Bromochloromethane	7.818	49	276	0.114	ug/l #	10
29) Tetrahydrofuran	7.853	42	1198	0.919	ug/l #	41
30) Chloroform	7.971	83	958	0.193	ug/l	92
31) Cyclohexane	8.224	56	7200	1.380	ug/l #	42
32) 1,1,1-Trichloroethane	8.177	97	574	0.130	ug/l #	24
36) 1,1-Dichloropropene	8.365	75	658	0.179	ug/l #	69
37) Ethyl Acetate	7.565	43	775	0.188	ug/l #	68
38) Carbon Tetrachloride	8.371	117	670m	0.180	ug/l	
39) Methylcyclohexane	9.600	83	674	0.167	ug/l #	77
40) Benzene	8.606	78	2005	0.183	ug/l #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082139.D
 Acq On : 15 May 2024 18:26
 Operator : JC\MD
 Sample : P2403-07 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 16 06:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 06:39:14 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	7.771	41	188m	0.078	ug/l	
42) 1,2-Dichloroethane	8.665	62	1146	0.271	ug/l #	73
43) Isopropyl Acetate	8.688	43	1245	0.171	ug/l #	52
44) Trichloroethene	9.359	130	531m	0.213	ug/l	
45) 1,2-Dichloropropane	9.624	63	474	0.167	ug/l #	45
46) Dibromomethane	9.712	93	117	0.063	ug/l #	14
47) Bromodichloromethane	9.888	83	543	0.138	ug/l #	91
48) Methyl methacrylate	9.671	41	509	0.146	ug/l #	51
51) 4-Methyl-2-Pentanone	10.447	43	3263	0.787	ug/l	89
52) Toluene	10.629	92	1051	0.160	ug/l #	65
53) t-1,3-Dichloropropene	10.835	75	595	0.147	ug/l #	43
54) cis-1,3-Dichloropropene	10.318	75	750	0.174	ug/l #	60
55) 1,1,2-Trichloroethane	11.018	97	429	0.179	ug/l #	36
56) Ethyl methacrylate	10.882	69	609	0.150	ug/l #	52
57) 1,3-Dichloropropane	11.171	76	804	0.180	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.159	63	1450	0.691	ug/l #	82
59) 2-Hexanone	11.194	43	2386	0.786	ug/l	73
60) Dibromochloromethane	11.353	129	404	0.153	ug/l #	47
61) 1,2-Dibromoethane	11.471	107	440	0.179	ug/l #	78
64) Tetrachloroethene	11.106	164	325	0.142	ug/l #	80
65) Chlorobenzene	11.894	112	1494	0.219	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	385	0.172	ug/l #	33
67) Ethyl Benzene	11.965	91	2463	0.202	ug/l #	84
68) m/p-Xylenes	12.071	106	1585	0.355	ug/l	88
69) o-Xylene	12.406	106	699	0.162	ug/l	68
70) Styrene	12.412	104	1313	0.183	ug/l	94
71) Bromoform	12.571	173	384	0.238	ug/l #	28
73) Isopropylbenzene	12.694	105	1719	0.179	ug/l	96
74) N-amyl acetate	12.494	43	977	0.185	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.935	83	493	0.178	ug/l #	90
76) 1,2,3-Trichloropropane	12.988	75	409m	0.161	ug/l	
77) Bromobenzene	12.976	156	373	0.163	ug/l #	45
78) n-propylbenzene	13.041	91	2411	0.212	ug/l	86
79) 2-Chlorotoluene	13.123	91	1306	0.183	ug/l	80
80) 1,3,5-Trimethylbenzene	13.170	105	1394	0.180	ug/l	96
82) 4-Chlorotoluene	13.123	91	1306	0.187	ug/l	80
83) tert-Butylbenzene	13.441	119	1227	0.181	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1419	0.179	ug/l	96
85) sec-Butylbenzene	13.618	105	1711	0.182	ug/l #	72
86) p-Isopropyltoluene	13.729	119	1279	0.167	ug/l #	73
87) 1,3-Dichlorobenzene	13.735	146	962	0.233	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	1086m	0.257	ug/l	
89) n-Butylbenzene	14.065	91	1176	0.171	ug/l	93
90) Hexachloroethane	14.335	117	74	0.052	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	706	0.180	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	700	0.319	ug/l #	46
94) Hexachlorobutadiene	15.494	225	75	0.078	ug/l #	20
95) Naphthalene	15.641	128	1293	0.188	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.835	180	236	0.107	ug/l #	69

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

