

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041947.D
 Acq On : 19 Jun 2024 15:13
 Operator : JC/MD
 Sample : P2403-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Jun 20 01:35:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:30:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171181	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100994	51.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.391	113	90047	49.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	8.647	98	312586	49.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.800%			
62) 4-Bromofluorobenzene	11.079	95	115238	49.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1594	1.222	ug/l	96
3) Chloromethane	1.307	50	2219	1.356	ug/l	96
4) Vinyl Chloride	1.374	62	2066	1.260	ug/l	98
5) Bromomethane	1.599	94	1237	1.527	ug/l	98
6) Chloroethane	1.666	64	1381	1.673	ug/l	93
7) Trichlorofluoromethane	1.868	101	2704	1.258	ug/l	96
8) Diethyl Ether	2.136	74	1161	1.151	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	1688	1.140	ug/l #	87
10) Methyl Iodide	2.441	142	2148	1.168	ug/l #	87
11) Tert butyl alcohol	3.001	59	2163	5.774	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	1760	1.192	ug/l	84
13) Acrolein	2.239	56	2066	4.920	ug/l	96
14) Allyl chloride	2.654	41	3013	1.287	ug/l #	86
15) Acrylonitrile	3.075	53	5558	5.680	ug/l	95
16) Acetone	2.392	43	6175	7.124	ug/l #	78
17) Carbon Disulfide	2.495	76	3327	1.105	ug/l #	95
18) Methyl Acetate	2.715	43	2710	1.146	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	5376	1.102	ug/l	95
20) Methylene Chloride	2.782	84	2852	1.503	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	1725	1.151	ug/l #	79
22) Diisopropyl ether	3.764	45	5283	1.067	ug/l #	53
23) Vinyl Acetate	3.733	43	21008	4.970	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	3120	1.126	ug/l #	93
25) 2-Butanone	4.593	43	7558	5.605	ug/l	97
26) 2,2-Dichloropropane	4.477	77	2347	1.169	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	2043	1.089	ug/l	90
28) Bromochloromethane	4.897	49	1340	1.129	ug/l #	91
29) Tetrahydrofuran	5.038	42	4849	5.568	ug/l	94
30) Chloroform	5.099	83	3387	1.173	ug/l	94
31) Cyclohexane	5.458	56	2521	1.092	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2626	1.088	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	2191	1.146	ug/l	99
37) Ethyl Acetate	4.745	43	2481	0.996	ug/l #	87
38) Carbon Tetrachloride	5.678	117	2364	1.119	ug/l	93
39) Methylcyclohexane	7.385	83	2533	1.047	ug/l	96
40) Benzene	6.037	78	7333	1.137	ug/l	99

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41) Methacrylonitrile	4.958	41	1244	0.921	ug/l #	76
42) 1,2-Dichloroethane	6.098	62	2544	1.224	ug/l	100
43) Isopropyl Acetate	6.355	43	3713	0.971	ug/l	96
44) Trichloroethene	7.129	130	1984	1.147	ug/l	86
45) 1,2-Dichloropropane	7.440	63	1675	1.056	ug/l	97
46) Dibromomethane	7.592	93	1252	1.083	ug/l #	75
47) Bromodichloromethane	7.830	83	2143	1.010	ug/l #	98
48) Methyl methacrylate	7.714	41	1509	0.827	ug/l #	76
49) 1,4-Dioxane	7.690	88	795	18.016	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	12547	4.763	ug/l	97
52) Toluene	8.720	92	4391	1.069	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	1775	0.855	ug/l	90
54) cis-1,3-Dichloropropene	8.372	75	2202	0.948	ug/l #	79
55) 1,1,2-Trichloroethane	9.159	97	1866	1.091	ug/l	92
56) Ethyl methacrylate	9.128	69	2389	0.897	ug/l	91
57) 1,3-Dichloropropane	9.317	76	3090	1.118	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.251	63	6302	5.080	ug/l	98
59) 2-Hexanone	9.439	43	10093	5.002	ug/l	99
60) Dibromochloromethane	9.531	129	1769	0.952	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1893	1.067	ug/l	98
64) Tetrachloroethene	9.275	164	1955	1.204	ug/l #	82
65) Chlorobenzene	10.079	112	5625	1.213	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1772	1.092	ug/l #	65
67) Ethyl Benzene	10.195	91	7807	1.074	ug/l	95
68) m/p-Xylenes	10.305	106	6128	2.089	ug/l	97
69) o-Xylene	10.646	106	3055	1.052	ug/l	97
70) Styrene	10.659	104	4598	0.944	ug/l	93
71) Bromoform	10.805	173	1382	0.952	ug/l #	100
73) Isopropylbenzene	10.963	105	7477	1.130	ug/l	98
74) N-amyl acetate	10.848	43	2856	0.972	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2935	1.193	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2542m	1.287	ug/l	
77) Bromobenzene	11.201	156	2409	1.223	ug/l	76
78) n-propylbenzene	11.305	91	8195	1.142	ug/l	99
79) 2-Chlorotoluene	11.366	91	5773	1.249	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	6170	1.120	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	569m	0.818	ug/l	
82) 4-Chlorotoluene	11.457	91	5803	1.135	ug/l	91
83) tert-Butylbenzene	11.713	119	6636	1.098	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	5768	1.044	ug/l	91
85) sec-Butylbenzene	11.890	105	7284	1.065	ug/l	98
86) p-Isopropyltoluene	12.012	119	5864	0.982	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	3989	1.152	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4252m	1.200	ug/l	
89) n-Butylbenzene	12.335	91	4389	0.955	ug/l	97
90) Hexachloroethane	12.536	117	984	0.968	ug/l	66
91) 1,2-Dichlorobenzene	12.341	146	4155	1.173	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	460	0.944	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	2251	0.970	ug/l	95
94) Hexachlorobutadiene	13.725	225	1262	1.075	ug/l	98
95) Naphthalene	13.780	128	6714	0.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	2386	0.975	ug/l	91

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

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