

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041974.D
 Acq On : 21 Jun 2024 12:26
 Operator : JC/MD
 Sample : P2403-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 22 05:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	169705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93091	47.570	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.140%		
35) Dibromofluoromethane	5.391	113	81519	45.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.080%		
50) Toluene-d8	8.646	98	278758	44.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.660%#		
62) 4-Bromofluorobenzene	11.079	95	100257	43.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	575	0.445	ug/l	83
3) Chloromethane	1.300	50	920	0.567	ug/l	# 85
4) Vinyl Chloride	1.373	62	810	0.498	ug/l	94
5) Bromomethane	1.599	94	892	1.111	ug/l	92
6) Chloroethane	1.666	64	1156m	1.412	ug/l	
7) Trichlorofluoromethane	1.873	101	1035	0.486	ug/l	97
8) Diethyl Ether	2.135	74	512	0.512	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.318	101	684	0.466	ug/l	# 79
10) Methyl Iodide	2.440	142	782	0.429	ug/l	# 81
11) Tert butyl alcohol	2.989	59	790	2.127	ug/l	# 78
12) 1,1-Dichloroethene	2.312	96	846	0.578	ug/l	# 55
13) Acrolein	2.239	56	905	2.174	ug/l	97
14) Allyl chloride	2.660	41	1115	0.480	ug/l	# 84
15) Acrylonitrile	3.074	53	2186	2.253	ug/l	94
16) Acetone	2.392	43	2739	3.188	ug/l	# 85
17) Carbon Disulfide	2.507	76	1792	0.600	ug/l	# 94
18) Methyl Acetate	2.715	43	1158	0.494	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	2106	0.436	ug/l	# 89
20) Methylene Chloride	2.794	84	1916	1.018	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	728	0.490	ug/l	# 63
22) Diisopropyl ether	3.763	45	2099	0.428	ug/l	# 57
23) Vinyl Acetate	3.733	43	8266	1.973	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	1299	0.473	ug/l	# 83
25) 2-Butanone	4.605	43	2798	2.093	ug/l	99
26) 2,2-Dichloropropane	4.477	77	791	0.398	ug/l	# 71
27) cis-1,2-Dichloroethene	4.501	96	819	0.440	ug/l	85
28) Bromochloromethane	4.909	49	560	0.476	ug/l	# 69
29) Tetrahydrofuran	5.043	42	1974	2.286	ug/l	# 81
30) Chloroform	5.092	83	1353	0.473	ug/l	# 67
31) Cyclohexane	5.452	56	975	0.426	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	1010	0.422	ug/l	# 49
36) 1,1-Dichloropropene	5.696	75	936	0.492	ug/l	# 83
37) Ethyl Acetate	4.751	43	1221m	0.493	ug/l	
38) Carbon Tetrachloride	5.671	117	1052	0.501	ug/l	84
39) Methylcyclohexane	7.385	83	1064	0.443	ug/l	88
40) Benzene	6.043	78	3003	0.468	ug/l	# 90

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41) Methacrylonitrile	4.958	41	439m	0.327	ug/l	
42) 1,2-Dichloroethane	6.098	62	1147	0.555	ug/l #	77
43) Isopropyl Acetate	6.360	43	1471	0.387	ug/l #	87
44) Trichloroethene	7.135	130	1303	0.758	ug/l	70
45) 1,2-Dichloropropane	7.446	63	744	0.472	ug/l #	81
46) Dibromomethane	7.598	93	473	0.412	ug/l #	69
47) Bromodichloromethane	7.842	83	865	0.410	ug/l #	86
48) Methyl methacrylate	7.726	41	706m	0.389	ug/l	
49) 1,4-Dioxane	7.695	88	163m	3.717	ug/l	
51) 4-Methyl-2-Pentanone	8.579	43	4862	1.857	ug/l	100
52) Toluene	8.726	92	1760	0.431	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	710	0.344	ug/l	93
54) cis-1,3-Dichloropropene	8.378	75	817	0.354	ug/l #	77
55) 1,1,2-Trichloroethane	9.159	97	750	0.441	ug/l #	71
56) Ethyl methacrylate	9.134	69	776	0.293	ug/l	88
57) 1,3-Dichloropropane	9.323	76	1238	0.451	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.256	63	2582	2.094	ug/l	99
59) 2-Hexanone	9.445	43	3735	1.863	ug/l	96
60) Dibromochloromethane	9.524	129	702	0.380	ug/l	91
61) 1,2-Dibromoethane	9.616	107	624	0.354	ug/l	89
64) Tetrachloroethene	9.281	164	769	0.476	ug/l	96
65) Chlorobenzene	10.079	112	2156	0.468	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	696	0.431	ug/l #	65
67) Ethyl Benzene	10.201	91	3057	0.423	ug/l	92
68) m/p-Xylenes	10.305	106	2423	0.831	ug/l	92
69) o-Xylene	10.646	106	1096	0.380	ug/l	95
70) Styrene	10.664	104	1854	0.383	ug/l #	86
71) Bromoform	10.805	173	602	0.417	ug/l #	98
73) Isopropylbenzene	10.963	105	2740	0.434	ug/l	99
74) N-amyl acetate	10.853	43	901	0.321	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1172	0.499	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	1106m	0.587	ug/l	
77) Bromobenzene	11.201	156	1003	0.533	ug/l	77
78) n-propylbenzene	11.305	91	2985	0.436	ug/l	99
79) 2-Chlorotoluene	11.366	91	2279	0.516	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2394	0.455	ug/l	96
82) 4-Chlorotoluene	11.463	91	2336	0.479	ug/l	95
83) tert-Butylbenzene	11.719	119	2738	0.474	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	2376	0.450	ug/l	99
85) sec-Butylbenzene	11.890	105	2568	0.393	ug/l	98
86) p-Isopropyltoluene	12.012	119	2194	0.385	ug/l	86
87) 1,3-Dichlorobenzene	11.975	146	1594	0.482	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	1949m	0.575	ug/l	
89) n-Butylbenzene	12.335	91	1719	0.392	ug/l	91
90) Hexachloroethane	12.542	117	371	0.382	ug/l #	38
91) 1,2-Dichlorobenzene	12.341	146	1620	0.479	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	190	0.408	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.591	180	884	0.399	ug/l	94
94) Hexachlorobutadiene	13.719	225	670	0.598	ug/l	74
95) Naphthalene	13.780	128	2761	0.404	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	1117	0.478	ug/l	80

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

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

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