

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041525.D
 Acq On : 14 May 2024 17:31
 Operator : JC/MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 15 01:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139512	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	200445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80693	53.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	106.260%		
35) Dibromofluoromethane	5.385	113	63132	46.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	224020	52.106	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.220%		
62) 4-Bromofluorobenzene	11.079	95	79874	47.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	5139	4.483	ug/l	97
3) Chloromethane	1.301	50	6112	5.152	ug/l	97
4) Vinyl Chloride	1.374	62	6353	5.618	ug/l	98
5) Bromomethane	1.599	94	5105	7.201	ug/l	94
6) Chloroethane	1.666	64	4424	8.426	ug/l	93
7) Trichlorofluoromethane	1.868	101	13758	7.055	ug/l	93
8) Diethyl Ether	2.136	74	4630	6.737	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	6617	6.038	ug/l	90
10) Methyl Iodide	2.441	142	6534	5.539	ug/l	91
11) Tert butyl alcohol	3.008	59	6747	22.195	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	6442	5.959	ug/l	91
13) Acrolein	2.239	56	5323	22.072	ug/l	100
14) Allyl chloride	2.654	41	9804	5.398	ug/l	95
15) Acrylonitrile	3.075	53	20341	29.319	ug/l	99
16) Acetone	2.392	43	19978	25.189	ug/l	93
17) Carbon Disulfide	2.502	76	10899	4.289	ug/l	97
18) Methyl Acetate	2.709	43	9947	6.401	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	21572	5.474	ug/l	99
20) Methylene Chloride	2.788	84	8030	6.090	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	6259	5.180	ug/l	85
22) Diisopropyl ether	3.764	45	21324	5.540	ug/l	# 86
23) Vinyl Acetate	3.727	43	91938	26.700	ug/l	95
24) 1,1-Dichloroethane	3.605	63	12036	5.535	ug/l	98
25) 2-Butanone	4.580	43	28856	29.355	ug/l	98
26) 2,2-Dichloropropane	4.471	77	9217	5.069	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	7971	5.572	ug/l	90
28) Bromochloromethane	4.898	49	5423	6.987	ug/l	# 78
29) Tetrahydrofuran	5.019	42	18286	28.444	ug/l	96
30) Chloroform	5.093	83	13050	5.768	ug/l	98
31) Cyclohexane	5.471	56	9705	5.294	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	11055	5.371	ug/l	99
36) 1,1-Dichloropropene	5.690	75	8186	5.040	ug/l	96
37) Ethyl Acetate	4.727	43	10189	5.027	ug/l	# 89
38) Carbon Tetrachloride	5.672	117	8844	4.753	ug/l	98
39) Methylcyclohexane	7.379	83	10125	5.306	ug/l	93
40) Benzene	6.038	78	26668	5.326	ug/l	98

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41) Methacrylonitrile	4.934	41	5142	4.930	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	10853	5.914	ug/l	99
43) Isopropyl Acetate	6.348	43	16058	5.270	ug/l	98
44) Trichloroethene	7.129	130	7373	5.576	ug/l	88
45) 1,2-Dichloropropane	7.434	63	6324	5.653	ug/l	95
46) Dibromomethane	7.586	93	4952	5.560	ug/l #	81
47) Bromodichloromethane	7.824	83	8273	5.213	ug/l #	97
48) Methyl methacrylate	7.702	41	7665	5.487	ug/l	92
49) 1,4-Dioxane	7.678	88	2723	90.164	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	55116	30.143	ug/l	98
52) Toluene	8.720	92	17195	5.614	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	7362	4.682	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	8665	4.966	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	6896	5.846	ug/l	95
56) Ethyl methacrylate	9.122	69	9932	5.440	ug/l	95
57) 1,3-Dichloropropane	9.311	76	11369	5.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	25298	28.579	ug/l	96
59) 2-Hexanone	9.433	43	42480	29.054	ug/l	100
60) Dibromochloromethane	9.519	129	6573	4.733	ug/l	97
61) 1,2-Dibromoethane	9.610	107	7146	5.507	ug/l	99
64) Tetrachloroethene	9.275	164	7593	5.894	ug/l	89
65) Chlorobenzene	10.080	112	19924	5.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	6429	5.038	ug/l	99
67) Ethyl Benzene	10.195	91	31634	5.309	ug/l	97
68) m/p-Xylenes	10.299	106	25118	10.527	ug/l	94
69) o-Xylene	10.640	106	12260	5.366	ug/l	97
70) Styrene	10.659	104	19718	5.260	ug/l	96
71) Bromoform	10.799	173	5049	4.421	ug/l #	100
73) Isopropylbenzene	10.964	105	31455	5.513	ug/l	98
74) N-amyl acetate	10.848	43	13375	5.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	11070	5.922	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	9861m	6.474	ug/l	
77) Bromobenzene	11.201	156	9556	5.935	ug/l	79
78) n-propylbenzene	11.305	91	32325	5.395	ug/l	97
79) 2-Chlorotoluene	11.366	91	22321	5.781	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	26058	5.603	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2186	3.909	ug/l	84
82) 4-Chlorotoluene	11.457	91	24566	5.604	ug/l	95
83) tert-Butylbenzene	11.713	119	26623	5.346	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	25638	5.479	ug/l	94
85) sec-Butylbenzene	11.890	105	31300	5.484	ug/l	96
86) p-Isopropyltoluene	12.012	119	26102	5.092	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	16073	5.492	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	16717	5.544	ug/l	98
89) n-Butylbenzene	12.335	91	19572	4.748	ug/l	96
90) Hexachloroethane	12.536	117	3982	4.645	ug/l #	54
91) 1,2-Dichlorobenzene	12.335	146	16858	5.453	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1958	4.533	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.591	180	9989	4.623	ug/l	96
94) Hexachlorobutadiene	13.725	225	5362	4.969	ug/l	97
95) Naphthalene	13.774	128	30455	4.756	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10988	4.975	ug/l	97

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

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