

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043036.D
 Acq On : 14 Aug 2024 17:06
 Operator : JC/MD
 Sample : P3390-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 15 04:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79777	51.174	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	5.385	113	68100	50.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	252902	48.936	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	11.079	95	84044	44.849	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	502	0.419	ug/l	88
3) Chloromethane	1.294	50	983	0.554	ug/l #	81
4) Vinyl Chloride	1.374	62	820	0.460	ug/l	94
5) Bromomethane	1.599	94	689	1.275	ug/l #	74
6) Chloroethane	1.678	64	388	0.690	ug/l #	81
7) Trichlorofluoromethane	1.874	101	882	0.473	ug/l	97
8) Diethyl Ether	2.130	74	481	0.558	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	586	0.439	ug/l #	91
10) Methyl Iodide	2.441	142	549	0.386	ug/l #	65
11) Tert butyl alcohol	2.971	59	1236m	3.073	ug/l	
12) 1,1-Dichloroethene	2.306	96	741	0.518	ug/l #	79
13) Acrolein	2.239	56	1634	4.018	ug/l	91
14) Allyl chloride	2.654	41	1403	0.523	ug/l	90
15) Acrylonitrile	3.075	53	2103	2.111	ug/l	97
16) Acetone	2.392	43	2046	2.646	ug/l #	85
17) Carbon Disulfide	2.495	76	2566	0.625	ug/l #	89
18) Methyl Acetate	2.715	43	1389	0.544	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	2028	0.421	ug/l	93
20) Methylene Chloride	2.788	84	1678	0.938	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	670	0.449	ug/l	95
22) Diisopropyl ether	3.763	45	2265	0.414	ug/l #	16
23) Vinyl Acetate	3.733	43	14031m	2.198	ug/l	
24) 1,1-Dichloroethane	3.605	63	1175	0.425	ug/l #	83
25) 2-Butanone	4.611	43	3369m	2.486	ug/l	
26) 2,2-Dichloropropane	4.477	77	942	0.428	ug/l	90
27) cis-1,2-Dichloroethene	4.501	96	750m	0.416	ug/l	
28) Bromochloromethane	4.904	49	673	0.539	ug/l #	93
29) Tetrahydrofuran	5.044	42	2445	2.603	ug/l	89
30) Chloroform	5.086	83	1313	0.495	ug/l	92
31) Cyclohexane	5.452	56	1411m	0.543	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	970	0.438	ug/l #	37
36) 1,1-Dichloropropene	5.714	75	875	0.470	ug/l #	44
37) Ethyl Acetate	4.763	43	1564m	0.597	ug/l	
38) Carbon Tetrachloride	5.666	117	912	0.485	ug/l #	71
39) Methylcyclohexane	7.373	83	1092	0.424	ug/l	91
40) Benzene	6.050	78	2640	0.417	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	733m	0.531	ug/l	
42) 1,2-Dichloroethane	6.092	62	977	0.530	ug/l #	77
43) Isopropyl Acetate	6.373	43	2220	0.525	ug/l #	76
44) Trichloroethene	7.129	130	667	0.465	ug/l	72
45) 1,2-Dichloropropane	7.440	63	572	0.367	ug/l #	83
46) Dibromomethane	7.592	93	509	0.477	ug/l #	83
47) Bromodichloromethane	7.836	83	818	0.395	ug/l #	90
48) Methyl methacrylate	7.732	41	1103m	0.585	ug/l	
49) 1,4-Dioxane	7.690	88	185	4.482	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	5412m	2.014	ug/l	
52) Toluene	8.726	92	1635	0.427	ug/l	94
53) t-1,3-Dichloropropene	8.994	75	797	0.353	ug/l	92
54) cis-1,3-Dichloropropene	8.378	75	1060	0.426	ug/l #	78
55) 1,1,2-Trichloroethane	9.159	97	645	0.429	ug/l #	79
56) Ethyl methacrylate	9.134	69	1257m	0.462	ug/l	
57) 1,3-Dichloropropane	9.323	76	1014	0.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.257	63	2683	2.100	ug/l	95
59) 2-Hexanone	9.445	43	4681m	2.267	ug/l	
60) Dibromochloromethane	9.525	129	707	0.446	ug/l	89
61) 1,2-Dibromoethane	9.616	107	740	0.488	ug/l	92
64) Tetrachloroethene	9.275	164	636	0.545	ug/l #	88
65) Chlorobenzene	10.085	112	1732	0.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	505	0.384	ug/l #	60
67) Ethyl Benzene	10.195	91	3002	0.443	ug/l	92
68) m/p-Xylenes	10.305	106	2242	0.860	ug/l	95
69) o-Xylene	10.640	106	1127	0.430	ug/l	98
70) Styrene	10.665	104	1791	0.408	ug/l #	90
71) Bromoform	10.805	173	533	0.488	ug/l #	96
73) Isopropylbenzene	10.963	105	2704	0.459	ug/l	96
74) N-amyl acetate	10.854	43	1533	0.457	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.213	83	1068	0.471	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	932m	0.526	ug/l	
77) Bromobenzene	11.207	156	707	0.499	ug/l	92
78) n-propylbenzene	11.305	91	3030	0.451	ug/l	98
79) 2-Chlorotoluene	11.372	91	2163	0.518	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2040	0.420	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	257m	0.317	ug/l	
82) 4-Chlorotoluene	11.457	91	2186	0.469	ug/l	95
83) tert-Butylbenzene	11.719	119	2250	0.448	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2164	0.442	ug/l	99
85) sec-Butylbenzene	11.890	105	2603	0.427	ug/l	98
86) p-Isopropyltoluene	12.012	119	2038	0.409	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	1288	0.506	ug/l	91
88) 1,4-Dichlorobenzene	12.042	146	1356m	0.521	ug/l	
89) n-Butylbenzene	12.341	91	1751	0.406	ug/l	98
90) Hexachloroethane	12.536	117	413	0.413	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	1121	0.437	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.945	75	166	0.374	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	631	0.437	ug/l	94
94) Hexachlorobutadiene	13.725	225	255	0.473	ug/l	83
95) Naphthalene	13.780	128	2706	0.474	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	743	0.503	ug/l #	90

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

