

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043056.D
 Acq On : 15 Aug 2024 16:34
 Operator : JC/MD
 Sample : P3390-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 16 02:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 02:11:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76799	51.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	5.385	113	63066	50.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	230337	47.507	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	76995	43.796	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	433	0.378	ug/l	85
3) Chloromethane	1.307	50	799	0.471	ug/l	92
4) Vinyl Chloride	1.374	62	679	0.398	ug/l	98
5) Bromomethane	1.593	94	502	0.972	ug/l	# 72
6) Chloroethane	1.666	64	369	0.687	ug/l	# 40
7) Trichlorofluoromethane	1.867	101	773	0.434	ug/l	84
8) Diethyl Ether	2.142	74	449	0.545	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	505	0.396	ug/l	# 84
10) Methyl Iodide	2.434	142	442	0.325	ug/l	# 71
11) Tert butyl alcohol	2.983	59	835m	2.172	ug/l	
12) 1,1-Dichloroethene	2.300	96	553	0.404	ug/l	# 74
13) Acrolein	2.233	56	1271	3.271	ug/l	94
14) Allyl chloride	2.654	41	1030	0.402	ug/l	# 80
15) Acrylonitrile	3.081	53	1771	1.860	ug/l	94
16) Acetone	2.398	43	1770	2.395	ug/l	92
17) Carbon Disulfide	2.501	76	1584	0.404	ug/l	98
18) Methyl Acetate	2.709	43	1204	0.493	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1769	0.384	ug/l	99
20) Methylene Chloride	2.788	84	1402	0.821	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	683	0.479	ug/l	# 64
22) Diisopropyl ether	3.770	45	2098	0.401	ug/l	# 53
23) Vinyl Acetate	3.733	43	11793	1.933	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1061	0.402	ug/l	# 83
25) 2-Butanone	4.599	43	2790	2.154	ug/l	93
26) 2,2-Dichloropropane	4.483	77	767	0.365	ug/l	# 54
27) cis-1,2-Dichloroethene	4.495	96	586	0.340	ug/l	91
28) Bromochloromethane	4.922	49	473m	0.396	ug/l	
29) Tetrahydrofuran	5.044	42	1925	2.144	ug/l	# 84
30) Chloroform	5.099	83	1146	0.452	ug/l	# 82
31) Cyclohexane	5.470	56	1070	0.431	ug/l	# 83
32) 1,1,1-Trichloroethane	5.379	97	948	0.448	ug/l	# 44
36) 1,1-Dichloropropene	5.708	75	823m	0.472	ug/l	
37) Ethyl Acetate	4.745	43	1273m	0.518	ug/l	
38) Carbon Tetrachloride	5.678	117	892	0.506	ug/l	# 78
39) Methylcyclohexane	7.373	83	874	0.362	ug/l	91
40) Benzene	6.050	78	2409	0.405	ug/l	# 90

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41) Methacrylonitrile	4.952	41	668m	0.516	ug/l	
42) 1,2-Dichloroethane	6.111	62	824	0.477	ug/l #	77
43) Isopropyl Acetate	6.354	43	2029	0.512	ug/l #	71
44) Trichloroethene	7.147	130	554	0.412	ug/l	72
45) 1,2-Dichloropropane	7.434	63	614	0.420	ug/l	97
46) Dibromomethane	7.592	93	355	0.355	ug/l	89
47) Bromodichloromethane	7.830	83	686	0.353	ug/l #	91
48) Methyl methacrylate	7.720	41	748	0.423	ug/l #	84
49) 1,4-Dioxane	7.690	88	55	1.420	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	4604	1.827	ug/l	97
52) Toluene	8.726	92	1593	0.444	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	653	0.308	ug/l	93
54) cis-1,3-Dichloropropene	8.378	75	891	0.382	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	499	0.354	ug/l #	66
56) Ethyl methacrylate	9.134	69	820	0.321	ug/l #	63
57) 1,3-Dichloropropane	9.311	76	876	0.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	2347	1.958	ug/l	97
59) 2-Hexanone	9.445	43	3532	1.824	ug/l	94
60) Dibromochloromethane	9.531	129	645	0.434	ug/l	98
61) 1,2-Dibromoethane	9.616	107	590	0.415	ug/l	98
64) Tetrachloroethene	9.275	164	538	0.487	ug/l	89
65) Chlorobenzene	10.079	112	1681	0.455	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	10.159	131	461	0.370	ug/l #	61
67) Ethyl Benzene	10.195	91	2456	0.382	ug/l	99
68) m/p-Xylenes	10.305	106	1932	0.782	ug/l	90
69) o-Xylene	10.640	106	1051	0.424	ug/l	99
70) Styrene	10.665	104	1545	0.371	ug/l	91
71) Bromoform	10.811	173	493	0.477	ug/l #	99
73) Isopropylbenzene	10.963	105	2318	0.424	ug/l	98
74) N-amyl acetate	10.854	43	1165	0.374	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	903	0.429	ug/l #	94
76) 1,2,3-Trichloropropane	11.244	75	758m	0.462	ug/l	
77) Bromobenzene	11.201	156	587	0.447	ug/l	98
78) n-propylbenzene	11.305	91	2660	0.427	ug/l	95
79) 2-Chlorotoluene	11.366	91	1892	0.488	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1894	0.421	ug/l	97
82) 4-Chlorotoluene	11.457	91	1835	0.425	ug/l	100
83) tert-Butylbenzene	11.713	119	1915	0.411	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1861	0.410	ug/l	80
85) sec-Butylbenzene	11.890	105	2277	0.403	ug/l	94
86) p-Isopropyltoluene	12.012	119	1732	0.375	ug/l	87
87) 1,3-Dichlorobenzene	11.975	146	1068	0.452	ug/l	90
88) 1,4-Dichlorobenzene	12.042	146	1042m	0.431	ug/l	
89) n-Butylbenzene	12.335	91	1324	0.331	ug/l	91
90) Hexachloroethane	12.542	117	341	0.367	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	1137	0.478	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	164	0.399	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	572	0.427	ug/l	97
94) Hexachlorobutadiene	13.725	225	208	0.416	ug/l	75
95) Naphthalene	13.780	128	2178	0.412	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	661	0.482	ug/l	70

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

