

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041946.D
 Acq On : 19 Jun 2024 14:50
 Operator : JC/MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Jun 20 01:34:21 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	177498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100347	49.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.060%		
35) Dibromofluoromethane	5.385	113	89096	47.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.340%		
50) Toluene-d8	8.647	98	315339	48.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.079	95	111208	45.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	3455	2.555	ug/l	99
3) Chloromethane	1.307	50	5022	2.960	ug/l	95
4) Vinyl Chloride	1.374	62	4661	2.741	ug/l	96
5) Bromomethane	1.593	94	2538	3.022	ug/l	94
6) Chloroethane	1.666	64	2773	3.239	ug/l	98
7) Trichlorofluoromethane	1.868	101	6731	3.021	ug/l	99
8) Diethyl Ether	2.136	74	2758	2.637	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	4287	2.793	ug/l	91
10) Methyl Iodide	2.441	142	5163	2.707	ug/l	88
11) Tert butyl alcohol	3.002	59	4257	10.959	ug/l	# 94
12) 1,1-Dichloroethene	2.307	96	4087	2.670	ug/l	94
13) Acrolein	2.239	56	4964	11.400	ug/l	94
14) Allyl chloride	2.660	41	6632	2.732	ug/l	89
15) Acrylonitrile	3.075	53	13355	13.163	ug/l	97
16) Acetone	2.392	43	11640	12.951	ug/l	90
17) Carbon Disulfide	2.502	76	7577	2.427	ug/l	# 94
18) Methyl Acetate	2.709	43	6450	2.631	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	13447	2.659	ug/l	100
20) Methylene Chloride	2.788	84	5760	2.927	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	4213	2.711	ug/l	95
22) Diisopropyl ether	3.776	45	13721	2.674	ug/l	95
23) Vinyl Acetate	3.733	43	52482	11.974	ug/l	97
24) 1,1-Dichloroethane	3.605	63	7661	2.666	ug/l	96
25) 2-Butanone	4.587	43	17718	12.672	ug/l	94
26) 2,2-Dichloropropane	4.471	77	4669	2.243	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	5167	2.655	ug/l	85
28) Bromochloromethane	4.904	49	3443	2.797	ug/l	# 72
29) Tetrahydrofuran	5.026	42	12088	13.386	ug/l	94
30) Chloroform	5.099	83	8155	2.724	ug/l	98
31) Cyclohexane	5.465	56	6076	2.538	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	6784	2.712	ug/l	94
36) 1,1-Dichloropropene	5.696	75	5242	2.641	ug/l	96
37) Ethyl Acetate	4.733	43	6466	2.501	ug/l	98
38) Carbon Tetrachloride	5.672	117	5434	2.478	ug/l	94
39) Methylcyclohexane	7.379	83	6172	2.459	ug/l	94
40) Benzene	6.044	78	18091	2.703	ug/l	97

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41) Methacrylonitrile	4.958	41	3163	2.257	ug/l #	88
42) 1,2-Dichloroethane	6.099	62	6001	2.783	ug/l	94
43) Isopropyl Acetate	6.355	43	9830	2.477	ug/l	95
44) Trichloroethene	7.135	130	4611	2.570	ug/l	87
45) 1,2-Dichloropropane	7.440	63	4315	2.622	ug/l	99
46) Dibromomethane	7.592	93	3083	2.571	ug/l #	76
47) Bromodichloromethane	7.830	83	5404	2.454	ug/l	98
48) Methyl methacrylate	7.708	41	4517	2.385	ug/l	88
49) 1,4-Dioxane	7.678	88	2291m	50.031	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	33258	12.166	ug/l	95
52) Toluene	8.720	92	11581	2.717	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	4634	2.151	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	5262	2.183	ug/l	89
55) 1,1,2-Trichloroethane	9.159	97	4683	2.637	ug/l	97
56) Ethyl methacrylate	9.122	69	6319	2.287	ug/l	91
57) 1,3-Dichloropropane	9.311	76	7230	2.520	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	15697	12.193	ug/l	94
59) 2-Hexanone	9.433	43	25818	12.331	ug/l	98
60) Dibromochloromethane	9.525	129	4438	2.301	ug/l	94
61) 1,2-Dibromoethane	9.616	107	4659	2.530	ug/l	99
64) Tetrachloroethene	9.275	164	4758	2.766	ug/l	91
65) Chlorobenzene	10.080	112	13539	2.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	4141	2.407	ug/l	93
67) Ethyl Benzene	10.195	91	19541	2.538	ug/l	93
68) m/p-Xylenes	10.305	106	15483	4.981	ug/l	91
69) o-Xylene	10.647	106	7629	2.479	ug/l	96
70) Styrene	10.659	104	12221	2.368	ug/l	93
71) Bromoform	10.799	173	3304	2.148	ug/l #	97
73) Isopropylbenzene	10.964	105	18911	2.678	ug/l	99
74) N-amyl acetate	10.848	43	7656	2.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	7191	2.738	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	6097m	2.891	ug/l	
77) Bromobenzene	11.201	156	5813	2.763	ug/l	81
78) n-propylbenzene	11.305	91	19610	2.559	ug/l	96
79) 2-Chlorotoluene	11.366	91	13677	2.770	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	15659	2.662	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1391m	1.873	ug/l	
82) 4-Chlorotoluene	11.457	91	14562	2.668	ug/l	94
83) tert-Butylbenzene	11.713	119	16856	2.611	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	15013	2.544	ug/l	91
85) sec-Butylbenzene	11.890	105	18636	2.552	ug/l	95
86) p-Isopropyltoluene	12.012	119	14880	2.333	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	9832	2.659	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	10267	2.713	ug/l	94
89) n-Butylbenzene	12.335	91	10792	2.198	ug/l	96
90) Hexachloroethane	12.536	117	2542	2.341	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	10163	2.686	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1212	2.329	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.591	180	5581	2.252	ug/l	96
94) Hexachlorobutadiene	13.725	225	3306	2.638	ug/l	98
95) Naphthalene	13.780	128	16773	2.195	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6343	2.427	ug/l	96

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

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