

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041948.D
 Acq On : 19 Jun 2024 15:37
 Operator : JC/MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 20 01:36:00 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	181613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	262278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91538	43.710	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.420%		
35) Dibromofluoromethane	5.391	113	82173	44.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.320%		
50) Toluene-d8	8.647	98	291112	44.527	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.060%#		
62) 4-Bromofluorobenzene	11.079	95	111033	46.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7268	5.253	ug/l	99
3) Chloromethane	1.307	50	9118	5.253	ug/l	99
4) Vinyl Chloride	1.374	62	9140	5.253	ug/l	99
5) Bromomethane	1.593	94	4653	5.416	ug/l	95
6) Chloroethane	1.666	64	4643	5.301	ug/l	99
7) Trichlorofluoromethane	1.867	101	13414	5.884	ug/l	96
8) Diethyl Ether	2.136	74	5611	5.244	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.312	101	8019	5.107	ug/l #	85
10) Methyl Iodide	2.440	142	10620	5.441	ug/l #	85
11) Tert butyl alcohol	3.001	59	7941	19.980	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	8101	5.172	ug/l	83
13) Acrolein	2.239	56	10525	23.624	ug/l	100
14) Allyl chloride	2.654	41	12415	4.997	ug/l	91
15) Acrylonitrile	3.074	53	26203	25.240	ug/l	96
16) Acetone	2.398	43	23093	25.113	ug/l #	89
17) Carbon Disulfide	2.501	76	14861	4.653	ug/l	96
18) Methyl Acetate	2.715	43	12520	4.991	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	26178	5.059	ug/l	99
20) Methylene Chloride	2.788	84	10437	5.183	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	7843	4.933	ug/l	85
22) Diisopropyl ether	3.776	45	27096	5.160	ug/l #	92
23) Vinyl Acetate	3.727	43	108817	24.265	ug/l	97
24) 1,1-Dichloroethane	3.605	63	15133	5.146	ug/l	97
25) 2-Butanone	4.580	43	36057	25.203	ug/l	94
26) 2,2-Dichloropropane	4.471	77	10730	5.039	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	9901	4.973	ug/l	87
28) Bromochloromethane	4.903	49	7079	5.620	ug/l #	77
29) Tetrahydrofuran	5.025	42	23424	25.352	ug/l	95
30) Chloroform	5.099	83	15959	5.209	ug/l	92
31) Cyclohexane	5.464	56	12547	5.123	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	13011	5.083	ug/l	95
36) 1,1-Dichloropropene	5.696	75	10265	5.194	ug/l	97
37) Ethyl Acetate	4.733	43	14493	5.630	ug/l	99
38) Carbon Tetrachloride	5.672	117	10584	4.847	ug/l	93
39) Methylcyclohexane	7.379	83	12847	5.140	ug/l	91
40) Benzene	6.037	78	35806	5.372	ug/l	98

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41) Methacrylonitrile	4.940	41	6962	4.989	ug/l	92
42) 1,2-Dichloroethane	6.092	62	11657	5.430	ug/l	94
43) Isopropyl Acetate	6.354	43	19530	4.942	ug/l	96
44) Trichloroethene	7.129	130	9173	5.134	ug/l	90
45) 1,2-Dichloropropane	7.433	63	8507	5.191	ug/l	97
46) Dibromomethane	7.586	93	6070	5.083	ug/l #	74
47) Bromodichloromethane	7.824	83	10511	4.794	ug/l	96
48) Methyl methacrylate	7.708	41	9287	4.925	ug/l	86
49) 1,4-Dioxane	7.677	88	4837m	106.086	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	70872	26.038	ug/l	99
52) Toluene	8.720	92	22979	5.414	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9307	4.338	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11251	4.688	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	9304	5.262	ug/l	97
56) Ethyl methacrylate	9.122	69	12798	4.653	ug/l	91
57) 1,3-Dichloropropane	9.311	76	14825	5.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	32818	25.603	ug/l	94
59) 2-Hexanone	9.439	43	52140	25.010	ug/l	97
60) Dibromochloromethane	9.525	129	8390	4.369	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9176	5.004	ug/l	97
64) Tetrachloroethene	9.275	164	9150	5.291	ug/l	91
65) Chlorobenzene	10.079	112	26788	5.423	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	8165	4.721	ug/l	97
67) Ethyl Benzene	10.195	91	39255	5.071	ug/l	97
68) m/p-Xylenes	10.305	106	31347	10.031	ug/l	92
69) o-Xylene	10.646	106	15991	5.169	ug/l	92
70) Styrene	10.658	104	25603	4.935	ug/l	92
71) Bromoform	10.805	173	6644	4.296	ug/l #	98
73) Isopropylbenzene	10.963	105	39358	5.407	ug/l	98
74) N-amyl acetate	10.847	43	15558	4.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	14535	5.370	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	12271m	5.646	ug/l	
77) Bromobenzene	11.201	156	11899	5.488	ug/l	79
78) n-propylbenzene	11.305	91	41165	5.212	ug/l	97
79) 2-Chlorotoluene	11.366	91	27407	5.386	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	31757	5.238	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	2869	3.749	ug/l	87
82) 4-Chlorotoluene	11.457	91	29210	5.192	ug/l	91
83) tert-Butylbenzene	11.713	119	34404	5.171	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	31148	5.120	ug/l	92
85) sec-Butylbenzene	11.890	105	38404	5.103	ug/l	96
86) p-Isopropyltoluene	12.012	119	31646	4.814	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	20343	5.338	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	20360	5.219	ug/l	98
89) n-Butylbenzene	12.335	91	22890	4.524	ug/l	98
90) Hexachloroethane	12.536	117	5121	4.576	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	20649	5.295	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2327	4.338	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.591	180	11531	4.514	ug/l	96
94) Hexachlorobutadiene	13.725	225	6310	4.885	ug/l	96
95) Naphthalene	13.774	128	35674	4.530	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12610	4.681	ug/l	93

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

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