

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044233.D
 Acq On : 11 Dec 2024 17:18
 Operator : JC/MD
 Sample : P4368-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Dec 12 05:34:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 05:32:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	137794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127985	52.974	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	=	105.940%	
35) Dibromofluoromethane	5.385	113	88067	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	98.620%	
50) Toluene-d8	8.647	98	307904	51.099	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	=	102.200%	
62) 4-Bromofluorobenzene	11.079	95	96761	45.957	ug/l	0.00
Spiked Amount 50.000	Range 77	- 121	Recovery	=	91.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	989	0.464	ug/l	86
3) Chloromethane	1.294	50	1211	0.594	ug/l #	76
4) Vinyl Chloride	1.374	62	1007	0.474	ug/l	91
5) Bromomethane	1.593	94	1251	0.831	ug/l #	80
6) Chloroethane	1.666	64	1100	0.832	ug/l #	82
7) Trichlorofluoromethane	1.874	101	2007	0.483	ug/l	96
8) Diethyl Ether	2.130	74	662	0.467	ug/l #	31
9) 1,1,2-Trichlorotrifluo...	2.306	101	846	0.503	ug/l	88
10) Methyl Iodide	2.447	142	916	0.413	ug/l	95
11) Tert butyl alcohol	2.940	59	3875	11.380	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	852	0.552	ug/l #	74
13) Acrolein	2.233	56	1113	2.258	ug/l	100
14) Allyl chloride	2.654	41	1645m	0.639	ug/l	
15) Acrylonitrile	3.068	53	2109	2.236	ug/l	98
16) Acetone	2.386	43	2317	2.352	ug/l	90
17) Carbon Disulfide	2.495	76	1441	0.491	ug/l #	84
18) Methyl Acetate	2.715	43	1761m	0.693	ug/l	
19) Methyl tert-butyl Ether	3.123	73	2946	0.489	ug/l	98
20) Methylene Chloride	2.788	84	1182	0.639	ug/l #	85
21) trans-1,2-Dichloroethene	3.081	96	908	0.553	ug/l #	61
22) Diisopropyl ether	3.763	45	2575	0.445	ug/l #	51
23) Vinyl Acetate	3.733	43	8709	1.849	ug/l	99
24) 1,1-Dichloroethane	3.605	63	1437	0.445	ug/l #	83
25) 2-Butanone	4.629	43	3252m	2.322	ug/l	
26) 2,2-Dichloropropane	4.471	77	1160	0.442	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	1201	0.576	ug/l	62
28) Bromochloromethane	4.897	49	674m	0.426	ug/l	
29) Tetrahydrofuran	5.044	42	2432m	2.706	ug/l	
30) Chloroform	5.086	83	1807	0.498	ug/l #	71
31) Cyclohexane	5.464	56	1138	0.436	ug/l #	62
32) 1,1,1-Trichloroethane	5.385	97	1281	0.425	ug/l #	36
36) 1,1-Dichloropropene	5.708	75	1181	0.512	ug/l	88
37) Ethyl Acetate	4.782	43	846	0.296	ug/l #	71
38) Carbon Tetrachloride	5.678	117	1350m	0.543	ug/l	
39) Methylcyclohexane	7.379	83	1252	0.454	ug/l #	88
40) Benzene	6.044	78	2920	0.417	ug/l #	71

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41) Methacrylonitrile	4.928	41	197	0.130	ug/l #	23
42) 1,2-Dichloroethane	6.105	62	1610	0.558	ug/l #	78
43) Isopropyl Acetate	6.361	43	2074	0.465	ug/l #	80
44) Trichloroethene	7.141	130	933	0.534	ug/l	91
45) 1,2-Dichloropropane	7.427	63	699m	0.390	ug/l	
46) Dibromomethane	7.592	93	570	0.410	ug/l	96
47) Bromodichloromethane	7.824	83	1073	0.447	ug/l #	68
48) Methyl methacrylate	7.671	41	204	0.094	ug/l #	42
49) 1,4-Dioxane	7.757	88	23	0.641	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	5564	1.940	ug/l	96
52) Toluene	8.714	92	1772	0.403	ug/l	91
53) t-1,3-Dichloropropene	8.994	75	949	0.404	ug/l #	59
54) cis-1,3-Dichloropropene	8.385	75	979	0.375	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	860	0.492	ug/l #	78
56) Ethyl methacrylate	9.134	69	694	0.251	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	1292	0.424	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.257	63	2921	2.098	ug/l	93
59) 2-Hexanone	9.445	43	3389	1.633	ug/l	95
60) Dibromochloromethane	9.525	129	626	0.373	ug/l	81
61) 1,2-Dibromoethane	9.610	107	752	0.422	ug/l	94
64) Tetrachloroethene	9.275	164	736	0.519	ug/l	86
65) Chlorobenzene	10.086	112	2328	0.508	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	659	0.448	ug/l #	67
67) Ethyl Benzene	10.195	91	3551	0.449	ug/l	89
68) m/p-Xylenes	10.305	106	2764	0.952	ug/l	98
69) o-Xylene	10.640	106	1160	0.395	ug/l	83
70) Styrene	10.665	104	1854	0.394	ug/l	94
71) Bromoform	10.811	173	366	0.390	ug/l #	87
73) Isopropylbenzene	10.969	105	3009	0.460	ug/l	98
74) N-amyl acetate	10.854	43	1052	0.348	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.207	83	1021	0.449	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	55204	28.908	ug/l #	36
77) Bromobenzene	11.195	156	894	0.563	ug/l	96
78) n-propylbenzene	11.305	91	3251	0.449	ug/l	98
79) 2-Chlorotoluene	11.366	91	2593	0.554	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2582	0.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	55204	92.908	ug/l #	4
82) 4-Chlorotoluene	11.463	91	2621	0.506	ug/l	98
83) tert-Butylbenzene	11.713	119	2444	0.455	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	2461	0.462	ug/l	95
85) sec-Butylbenzene	11.890	105	2733	0.420	ug/l	98
86) p-Isopropyltoluene	12.012	119	2048	0.378	ug/l #	75
87) 1,3-Dichlorobenzene	11.975	146	1562	0.563	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	1793m	0.629	ug/l	
89) n-Butylbenzene	12.335	91	1655	0.363	ug/l	96
90) Hexachloroethane	12.542	117	299	0.378	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	1490	0.517	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	75	0.170	ug/l #	56
93) 1,2,4-Trichlorobenzene	13.591	180	774	0.490	ug/l	84
94) Hexachlorobutadiene	13.725	225	293	0.461	ug/l	93
95) Naphthalene	13.780	128	2536	0.412	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	821	0.490	ug/l	95

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

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