

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044234.D
 Acq On : 11 Dec 2024 17:41
 Operator : JC/MD
 Sample : P4368-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 12 05:35:05 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	5.550	168	125911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84416	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	122105	55.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.620%
35) Dibromofluoromethane	5.385	113	80433	47.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.647	98	295139	51.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.079	95	96753	48.170	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1705	0.876	ug/l	93
3) Chloromethane	1.301	50	1458	0.783	ug/l #	78
4) Vinyl Chloride	1.374	62	1718	0.886	ug/l #	87
5) Bromomethane	1.599	94	1960	1.424	ug/l #	78
6) Chloroethane	1.666	64	1451	1.201	ug/l	99
7) Trichlorofluoromethane	1.868	101	2978	0.784	ug/l #	81
8) Diethyl Ether	2.130	74	1114	0.859	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.319	101	1339	0.871	ug/l	95
10) Methyl Iodide	2.441	142	1450	0.716	ug/l #	87
11) Tert butyl alcohol	2.989	59	1005	3.230	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	1343	0.952	ug/l #	75
13) Acrolein	2.239	56	2092	4.645	ug/l	99
14) Allyl chloride	2.666	41	2216	0.943	ug/l #	88
15) Acrylonitrile	3.075	53	3628	4.210	ug/l #	90
16) Acetone	2.386	43	3882	4.313	ug/l #	88
17) Carbon Disulfide	2.502	76	1973	0.735	ug/l #	94
18) Methyl Acetate	2.709	43	2016	0.869	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	4336	0.787	ug/l #	83
20) Methylene Chloride	2.788	84	1426	0.844	ug/l #	77
21) trans-1,2-Dichloroethene	3.081	96	1442m	0.961	ug/l	
22) Diisopropyl ether	3.770	45	3921	0.741	ug/l #	70
23) Vinyl Acetate	3.733	43	13282	3.086	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	2333	0.791	ug/l #	80
25) 2-Butanone	4.605	43	4360	3.408	ug/l	99
26) 2,2-Dichloropropane	4.483	77	1675	0.699	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	1443m	0.758	ug/l	
28) Bromochloromethane	4.916	49	1273m	0.880	ug/l	
29) Tetrahydrofuran	5.032	42	3379	4.114	ug/l #	86
30) Chloroform	5.093	83	2648	0.799	ug/l	94
31) Cyclohexane	5.465	56	1783	0.748	ug/l #	75
32) 1,1,1-Trichloroethane	5.367	97	1996	0.725	ug/l #	35
36) 1,1-Dichloropropene	5.678	75	1641m	0.745	ug/l	
37) Ethyl Acetate	4.757	43	1884m	0.692	ug/l	
38) Carbon Tetrachloride	5.672	117	1480	0.624	ug/l	92
39) Methylcyclohexane	7.379	83	2211	0.840	ug/l #	56
40) Benzene	6.044	78	5204	0.778	ug/l	96

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41) Methacrylonitrile	4.879	41	80	0.055	ug/l #	13
42) 1,2-Dichloroethane	6.111	62	2276	0.826	ug/l #	78
43) Isopropyl Acetate	6.355	43	2754	0.647	ug/l #	92
44) Trichloroethene	7.129	130	1196	0.717	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1055	0.618	ug/l #	44
46) Dibromomethane	7.598	93	1073	0.810	ug/l	94
47) Bromodichloromethane	7.830	83	1588	0.694	ug/l #	91
48) Methyl methacrylate	7.714	41	1069	0.518	ug/l	88
49) 1,4-Dioxane	7.690	88	195	5.694	ug/l #	45
51) 4-Methyl-2-Pentanone	8.574	43	8838	3.230	ug/l	99
52) Toluene	8.726	92	3151	0.750	ug/l	99
53) t-1,3-Dichloropropene	8.994	75	1142	0.510	ug/l	99
54) cis-1,3-Dichloropropene	8.379	75	1671	0.670	ug/l #	79
55) 1,1,2-Trichloroethane	9.159	97	1260	0.755	ug/l #	84
56) Ethyl methacrylate	9.128	69	1375	0.522	ug/l #	56
57) 1,3-Dichloropropane	9.311	76	2176	0.749	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.257	63	5018	3.778	ug/l	95
59) 2-Hexanone	9.445	43	5811	2.934	ug/l	91
60) Dibromochloromethane	9.519	129	852	0.532	ug/l	92
61) 1,2-Dibromoethane	9.616	107	1111	0.654	ug/l	91
64) Tetrachloroethene	9.275	164	1322	0.960	ug/l #	81
65) Chlorobenzene	10.080	112	3461	0.778	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.171	131	849	0.594	ug/l #	59
67) Ethyl Benzene	10.201	91	5373	0.699	ug/l	98
68) m/p-Xylenes	10.305	106	3827	1.357	ug/l	96
69) o-Xylene	10.647	106	2252	0.789	ug/l	91
70) Styrene	10.665	104	3079	0.673	ug/l	97
71) Bromoform	10.805	173	546	0.599	ug/l #	97
73) Isopropylbenzene	10.964	105	4882	0.755	ug/l	97
74) N-amyl acetate	10.854	43	2058	0.689	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.220	83	1801	0.802	ug/l	89
76) 1,2,3-Trichloropropane	11.244	75	1328m	0.705	ug/l	
77) Bromobenzene	11.201	156	1262	0.805	ug/l	94
78) n-propylbenzene	11.305	91	5085	0.712	ug/l	97
79) 2-Chlorotoluene	11.366	91	3690	0.799	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3734	0.697	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	52896	90.196	ug/l #	4
82) 4-Chlorotoluene	11.457	91	3709	0.725	ug/l	96
83) tert-Butylbenzene	11.719	119	3612	0.682	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	3540	0.673	ug/l	94
85) sec-Butylbenzene	11.890	105	4437	0.690	ug/l	95
86) p-Isopropyltoluene	12.012	119	3296	0.616	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	2164	0.791	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	2072m	0.736	ug/l	
89) n-Butylbenzene	12.329	91	2691	0.598	ug/l	95
90) Hexachloroethane	12.543	117	446	0.571	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2130	0.749	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	173	0.397	ug/l #	65
93) 1,2,4-Trichlorobenzene	13.591	180	1055	0.677	ug/l	91
94) Hexachlorobutadiene	13.719	225	419	0.668	ug/l	76
95) Naphthalene	13.780	128	3596	0.591	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1102	0.667	ug/l	97

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

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