

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044235.D
 Acq On : 11 Dec 2024 18:04
 Operator : JC/MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 12 05:35:58 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	138842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130785	53.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.440%
35) Dibromofluoromethane	5.379	113	89775	50.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.960%
50) Toluene-d8	8.647	98	313049	52.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	11.079	95	101321	48.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4862	2.265	ug/l	83
3) Chloromethane	1.294	50	5067	2.468	ug/l #	86
4) Vinyl Chloride	1.374	62	5460	2.553	ug/l	99
5) Bromomethane	1.593	94	4669	3.077	ug/l	94
6) Chloroethane	1.666	64	3596	2.700	ug/l	95
7) Trichlorofluoromethane	1.868	101	10084	2.408	ug/l	91
8) Diethyl Ether	2.130	74	3315	2.319	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	3988	2.354	ug/l	99
10) Methyl Iodide	2.441	142	4935	2.210	ug/l	95
11) Tert butyl alcohol	2.983	59	3331	9.709	ug/l	99
12) 1,1-Dichloroethene	2.306	96	4039	2.595	ug/l	85
13) Acrolein	2.233	56	6357	12.800	ug/l	97
14) Allyl chloride	2.654	41	6171	2.381	ug/l	96
15) Acrylonitrile	3.075	53	10815	11.380	ug/l	96
16) Acetone	2.386	43	12395	12.489	ug/l #	89
17) Carbon Disulfide	2.502	76	6555	2.216	ug/l	96
18) Methyl Acetate	2.703	43	6724	2.628	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	14715	2.423	ug/l	97
20) Methylene Chloride	2.782	84	4609	2.473	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	4049	2.448	ug/l	96
22) Diisopropyl ether	3.764	45	14675	2.514	ug/l #	84
23) Vinyl Acetate	3.727	43	52144	10.988	ug/l	97
24) 1,1-Dichloroethane	3.611	63	7854	2.414	ug/l	97
25) 2-Butanone	4.587	43	15244	10.804	ug/l	93
26) 2,2-Dichloropropane	4.471	77	6222	2.354	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4827	2.298	ug/l	94
28) Bromochloromethane	4.891	49	3787	2.374	ug/l #	99
29) Tetrahydrofuran	5.013	42	10905	12.042	ug/l	94
30) Chloroform	5.093	83	8597	2.352	ug/l	92
31) Cyclohexane	5.471	56	6379	2.428	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	7340	2.419	ug/l	96
36) 1,1-Dichloropropene	5.702	75	5751	2.502	ug/l #	84
37) Ethyl Acetate	4.739	43	6080	2.139	ug/l #	91
38) Carbon Tetrachloride	5.666	117	5287	2.136	ug/l	88
39) Methylcyclohexane	7.379	83	6275	2.283	ug/l	91
40) Benzene	6.037	78	16877	2.418	ug/l	91

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41) Methacrylonitrile	4.934	41	2058	1.364	ug/l #	69
42) 1,2-Dichloroethane	6.086	62	7248	2.521	ug/l	87
43) Isopropyl Acetate	6.355	43	10141	2.283	ug/l	96
44) Trichloroethene	7.123	130	4060	2.332	ug/l	93
45) 1,2-Dichloropropane	7.427	63	4354	2.442	ug/l	90
46) Dibromomethane	7.586	93	3323	2.402	ug/l	97
47) Bromodichloromethane	7.824	83	5354	2.241	ug/l #	94
48) Methyl methacrylate	7.708	41	4868	2.258	ug/l	93
49) 1,4-Dioxane	7.671	88	1274	35.638	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	31389	10.991	ug/l	100
52) Toluene	8.720	92	10379	2.368	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	4784	2.045	ug/l #	82
54) cis-1,3-Dichloropropene	8.366	75	5230	2.010	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	4401	2.527	ug/l #	81
56) Ethyl methacrylate	9.122	69	5610	2.041	ug/l	96
57) 1,3-Dichloropropane	9.311	76	7130	2.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	16832	12.140	ug/l	98
59) 2-Hexanone	9.433	43	21942	10.614	ug/l	100
60) Dibromochloromethane	9.525	129	3517	2.103	ug/l	100
61) 1,2-Dibromoethane	9.610	107	4160	2.347	ug/l	94
64) Tetrachloroethene	9.275	164	3623	2.510	ug/l	97
65) Chlorobenzene	10.079	112	10912	2.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3110	2.077	ug/l	87
67) Ethyl Benzene	10.195	91	18406	2.286	ug/l	99
68) m/p-Xylenes	10.299	106	13240	4.482	ug/l	97
69) o-Xylene	10.640	106	6746	2.257	ug/l	99
70) Styrene	10.659	104	10291	2.148	ug/l	97
71) Bromoform	10.799	173	1893	1.983	ug/l #	97
73) Isopropylbenzene	10.963	105	17139	2.538	ug/l	99
74) N-amyl acetate	10.848	43	6276	2.011	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	6036	2.574	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	5267m	2.675	ug/l	
77) Bromobenzene	11.201	156	4251	2.596	ug/l	98
78) n-propylbenzene	11.305	91	17813	2.387	ug/l	100
79) 2-Chlorotoluene	11.366	91	12166	2.521	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13452	2.402	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	56694	92.527	ug/l #	4
82) 4-Chlorotoluene	11.457	91	12239	2.290	ug/l	97
83) tert-Butylbenzene	11.713	119	13340	2.411	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	12889	2.344	ug/l	98
85) sec-Butylbenzene	11.890	105	14476	2.155	ug/l	96
86) p-Isopropyltoluene	12.006	119	12364	2.211	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	7188	2.513	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	7422	2.524	ug/l	82
89) n-Butylbenzene	12.335	91	9615	2.045	ug/l	95
90) Hexachloroethane	12.542	117	1617	1.981	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	7096	2.390	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.951	75	777	1.707	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	3578	2.198	ug/l	99
94) Hexachlorobutadiene	13.725	225	1463	2.234	ug/l	97
95) Naphthalene	13.780	128	13813	2.174	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3860	2.235	ug/l	96

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

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