

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044245.D
 Acq On : 12 Dec 2024 12:24
 Operator : JC/MD
 Sample : P4368-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Dec 13 05:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 05:00:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122121	51.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	5.385	113	83945	49.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	8.647	98	296220	51.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	11.079	95	96110	48.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1513	0.729	ug/l	92
3) Chloromethane	1.294	50	1791	0.902	ug/l #	78
4) Vinyl Chloride	1.374	62	1497	0.724	ug/l #	88
5) Bromomethane	1.593	94	1852	1.263	ug/l #	78
6) Chloroethane	1.666	64	1028m	0.798	ug/l	
7) Trichlorofluoromethane	1.868	101	2629	0.650	ug/l	89
8) Diethyl Ether	2.136	74	1103	0.798	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.319	101	1136	0.694	ug/l	94
10) Methyl Iodide	2.447	142	1243	0.576	ug/l	99
11) Tert butyl alcohol	2.941	59	2810	8.473	ug/l #	71
12) 1,1-Dichloroethene	2.313	96	1142	0.759	ug/l #	67
13) Acrolein	2.239	56	1538	3.204	ug/l	97
14) Allyl chloride	2.654	41	2080	0.830	ug/l	91
15) Acrylonitrile	3.075	53	3148	3.427	ug/l	96
16) Acetone	2.392	43	3529	3.678	ug/l	94
17) Carbon Disulfide	2.508	76	1956	0.684	ug/l	97
18) Methyl Acetate	2.709	43	1807	0.730	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	4220	0.719	ug/l	98
20) Methylene Chloride	2.788	84	1419	0.787	ug/l #	88
21) trans-1,2-Dichloroethene	3.081	96	1183	0.740	ug/l #	47
22) Diisopropyl ether	3.764	45	4247	0.753	ug/l #	76
23) Vinyl Acetate	3.733	43	12522	2.730	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2185	0.695	ug/l #	83
25) 2-Butanone	4.605	43	4362m	3.198	ug/l	
26) 2,2-Dichloropropane	4.471	77	1778	0.696	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	1352	0.666	ug/l	97
28) Bromochloromethane	4.904	49	1007	0.653	ug/l #	97
29) Tetrahydrofuran	5.038	42	3104	3.546	ug/l #	44
30) Chloroform	5.105	83	2450	0.693	ug/l	98
31) Cyclohexane	5.464	56	1765	0.695	ug/l #	79
32) 1,1,1-Trichloroethane	5.379	97	1965	0.670	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	1666	0.761	ug/l #	79
37) Ethyl Acetate	4.751	43	2137m	0.789	ug/l	
38) Carbon Tetrachloride	5.672	117	1682	0.713	ug/l #	82
39) Methylcyclohexane	7.373	83	1850	0.707	ug/l	96
40) Benzene	6.025	78	4482	0.674	ug/l #	81

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41) Methacrylonitrile	5.001	41	1172m	0.815	ug/l	
42) 1,2-Dichloroethane	6.105	62	2286	0.835	ug/l	84
43) Isopropyl Acetate	6.367	43	2716m	0.642	ug/l	
44) Trichloroethene	7.135	130	1226	0.739	ug/l	99
45) 1,2-Dichloropropane	7.434	63	1015	0.597	ug/l #	74
46) Dibromomethane	7.598	93	906	0.687	ug/l	94
47) Bromodichloromethane	7.818	83	1436	0.631	ug/l #	77
48) Methyl methacrylate	7.726	41	1719m	0.837	ug/l	
49) 1,4-Dioxane	7.696	88	373	10.953	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	7455	2.740	ug/l	98
52) Toluene	8.726	92	2860	0.685	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1293	0.580	ug/l #	85
54) cis-1,3-Dichloropropene	8.385	75	1477	0.596	ug/l #	66
55) 1,1,2-Trichloroethane	9.159	97	1267	0.764	ug/l #	74
56) Ethyl methacrylate	9.128	69	1196	0.457	ug/l #	68
57) 1,3-Dichloropropane	9.317	76	2037	0.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	5224	3.955	ug/l	90
59) 2-Hexanone	9.445	43	6074m	3.084	ug/l	
60) Dibromochloromethane	9.525	129	924	0.580	ug/l	91
61) 1,2-Dibromoethane	9.610	107	939	0.556	ug/l #	76
64) Tetrachloroethene	9.275	164	1115	0.807	ug/l	88
65) Chlorobenzene	10.079	112	3068	0.688	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	10.165	131	891	0.621	ug/l #	57
67) Ethyl Benzene	10.201	91	5180	0.672	ug/l	95
68) m/p-Xylenes	10.305	106	3741	1.322	ug/l	94
69) o-Xylene	10.646	106	1709	0.597	ug/l	82
70) Styrene	10.665	104	2455	0.535	ug/l #	89
71) Bromoform	10.799	173	649	0.710	ug/l #	64
73) Isopropylbenzene	10.963	105	4225	0.639	ug/l	100
74) N-amyl acetate	10.854	43	1341	0.439	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1595	0.695	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1430m	0.742	ug/l	
77) Bromobenzene	11.201	156	1347	0.841	ug/l	91
78) n-propylbenzene	11.305	91	4667	0.639	ug/l	93
79) 2-Chlorotoluene	11.372	91	3326	0.704	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	3554	0.649	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	303m	0.505	ug/l	
82) 4-Chlorotoluene	11.457	91	3599	0.688	ug/l	97
83) tert-Butylbenzene	11.713	119	3608	0.666	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3531	0.656	ug/l	99
85) sec-Butylbenzene	11.890	105	4468	0.680	ug/l	99
86) p-Isopropyltoluene	12.012	119	3123	0.571	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	2054	0.734	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2246m	0.781	ug/l	
89) n-Butylbenzene	12.335	91	2690	0.585	ug/l	85
90) Hexachloroethane	12.542	117	403	0.505	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	2141	0.737	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	202	0.453	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	1139	0.715	ug/l	78
94) Hexachlorobutadiene	13.719	225	412	0.643	ug/l	81
95) Naphthalene	13.780	128	3303	0.531	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	1131	0.669	ug/l	93

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

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