

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044243.D
 Acq On : 12 Dec 2024 11:34
 Operator : JC/MD
 Sample : P4368-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 13 05:00:53 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	130765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121519	53.002	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.000%			
35) Dibromofluoromethane	5.385	113	84108	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.647	98	293635	52.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.140%			
62) 4-Bromofluorobenzene	11.079	95	100093	51.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.560%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	601	0.311	ug/l #	73
4) Vinyl Chloride	1.374	62	489	0.243	ug/l #	79
5) Bromomethane	1.599	94	735m	0.514	ug/l	
6) Chloroethane	1.679	64	349m	0.278	ug/l	
7) Trichlorofluoromethane	1.868	101	860	0.218	ug/l	84
8) Diethyl Ether	2.130	74	303	0.225	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	475	0.298	ug/l	88
10) Methyl Iodide	2.435	142	496	0.236	ug/l #	71
11) Tert butyl alcohol	2.934	59	2326m	7.198	ug/l	
12) 1,1-Dichloroethene	2.307	96	315	0.215	ug/l #	40
13) Acrolein	2.233	56	369	0.789	ug/l	95
14) Allyl chloride	2.660	41	708	0.290	ug/l #	38
15) Acrylonitrile	3.081	53	752	0.840	ug/l #	83
16) Acetone	2.380	43	1309	1.400	ug/l #	72
17) Carbon Disulfide	2.495	76	685	0.246	ug/l #	75
18) Methyl Acetate	2.703	43	803	0.333	ug/l #	78
19) Methyl tert-butyl Ether	3.111	73	1282	0.224	ug/l #	90
20) Methylene Chloride	2.788	84	652	0.371	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	544	0.349	ug/l #	61
23) Vinyl Acetate	3.751	43	3763m	0.842	ug/l	
24) 1,1-Dichloroethane	3.605	63	707	0.231	ug/l #	82
25) 2-Butanone	4.599	43	1312m	0.987	ug/l	
26) 2,2-Dichloropropane	4.471	77	528	0.212	ug/l #	73
29) Tetrahydrofuran	5.026	42	742m	0.870	ug/l	
30) Chloroform	5.099	83	814	0.236	ug/l	96
31) Cyclohexane	5.452	56	635	0.257	ug/l #	69
32) 1,1,1-Trichloroethane	5.367	97	714m	0.250	ug/l	
36) 1,1-Dichloropropene	5.696	75	627	0.293	ug/l #	57
37) Ethyl Acetate	4.812	43	776m	0.293	ug/l	
38) Carbon Tetrachloride	5.660	117	479m	0.208	ug/l	
39) Methylcyclohexane	7.385	83	666	0.260	ug/l #	70
40) Benzene	6.031	78	1618	0.249	ug/l #	74
42) 1,2-Dichloroethane	6.098	62	822	0.307	ug/l #	78
43) Isopropyl Acetate	6.355	43	943	0.228	ug/l #	67
44) Trichloroethene	7.135	130	441	0.272	ug/l	74
45) 1,2-Dichloropropane	7.428	63	377	0.227	ug/l #	44

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46) Dibromomethane	7.604	93	293	0.228	ug/l #	66
47) Bromodichloromethane	7.830	83	462	0.208	ug/l #	97
49) 1,4-Dioxane	7.799	88	22	0.661	ug/l #	32
51) 4-Methyl-2-Pentanone	8.586	43	2508	0.943	ug/l	99
52) Toluene	8.726	92	841	0.206	ug/l	83
55) 1,1,2-Trichloroethane	9.165	97	334	0.206	ug/l #	76
58) 2-Chloroethyl Vinyl ether	8.281	63	806	0.624	ug/l #	80
59) 2-Hexanone	9.452	43	1839m	0.956	ug/l	
64) Tetrachloroethene	9.287	164	326	0.242	ug/l #	51
65) Chlorobenzene	10.073	112	1382	0.317	ug/l #	71
67) Ethyl Benzene	10.208	91	1645	0.219	ug/l #	76
68) m/p-Xylenes	10.311	106	1168	0.423	ug/l	86
69) o-Xylene	10.646	106	658	0.236	ug/l	93
70) Styrene	10.671	104	1111	0.248	ug/l #	87
71) Bromoform	10.805	173	217	0.243	ug/l #	29
73) Isopropylbenzene	10.963	105	1554	0.247	ug/l	100
74) N-amyl acetate	10.860	43	585	0.201	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.213	83	545	0.250	ug/l #	92
76) 1,2,3-Trichloropropane	11.244	75	493m	0.269	ug/l	
77) Bromobenzene	11.201	156	390	0.256	ug/l	79
78) n-propylbenzene	11.311	91	1615	0.232	ug/l	94
79) 2-Chlorotoluene	11.372	91	1090	0.243	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	1179	0.226	ug/l	85
82) 4-Chlorotoluene	11.463	91	1552	0.312	ug/l	77
83) tert-Butylbenzene	11.719	119	1098	0.213	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	1335	0.261	ug/l	99
85) sec-Butylbenzene	11.890	105	1357	0.217	ug/l	86
86) p-Isopropyltoluene	12.012	119	1083	0.208	ug/l #	67
87) 1,3-Dichlorobenzene	11.969	146	806	0.303	ug/l	90
88) 1,4-Dichlorobenzene	12.036	146	899m	0.328	ug/l	
91) 1,2-Dichlorobenzene	12.341	146	751	0.272	ug/l	96
93) 1,2,4-Trichlorobenzene	13.597	180	460	0.303	ug/l	90
95) Naphthalene	13.786	128	1637	0.277	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.969	180	404	0.251	ug/l	82

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

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