

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044232.D
 Acq On : 11 Dec 2024 16:54
 Operator : JC/MD
 Sample : P4368-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 12 05:33:12 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	138545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131179	54.002	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.000%			
35) Dibromofluoromethane	5.385	113	88239	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	8.647	98	316295	51.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	103927	48.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	315	0.147	ug/l	79
3) Chloromethane	1.300	50	484	0.236	ug/l #	67
4) Vinyl Chloride	1.374	62	451	0.211	ug/l #	72
5) Bromomethane	1.593	94	900	0.594	ug/l	97
6) Chloroethane	1.666	64	329	0.248	ug/l	94
7) Trichlorofluoromethane	1.873	101	706	0.169	ug/l #	64
8) Diethyl Ether	2.130	74	359	0.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.312	101	343	0.203	ug/l #	65
10) Methyl Iodide	2.447	142	341	0.153	ug/l #	82
11) Tert butyl alcohol	2.946	59	4005	11.698	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	352	0.227	ug/l #	51
13) Acrolein	2.245	56	567	1.144	ug/l	84
14) Allyl chloride	2.666	41	769	0.297	ug/l #	86
15) Acrylonitrile	3.081	53	783	0.826	ug/l #	74
16) Acetone	2.379	43	1364	1.377	ug/l #	81
17) Carbon Disulfide	2.495	76	1061	0.359	ug/l #	51
18) Methyl Acetate	2.709	43	745	0.292	ug/l #	69
19) Methyl tert-butyl Ether	3.117	73	838	0.138	ug/l #	75
20) Methylene Chloride	2.776	84	736	0.396	ug/l #	67
21) trans-1,2-Dichloroethene	3.087	96	558	0.338	ug/l #	76
22) Diisopropyl ether	3.757	45	771	0.132	ug/l #	28
23) Vinyl Acetate	3.751	43	2809	0.593	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	534	0.164	ug/l #	82
25) 2-Butanone	4.611	43	738	0.524	ug/l #	50
26) 2,2-Dichloropropane	4.464	77	368	0.140	ug/l	78
27) cis-1,2-Dichloroethene	4.501	96	410	0.196	ug/l #	11
28) Bromochloromethane	4.916	49	191	0.120	ug/l #	82
29) Tetrahydrofuran	5.056	42	952	1.053	ug/l #	43
30) Chloroform	5.105	83	863	0.237	ug/l #	70
31) Cyclohexane	5.464	56	445	0.170	ug/l #	57
32) 1,1,1-Trichloroethane	5.385	97	594	0.196	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	13743	5.823	ug/l #	49
37) Ethyl Acetate	4.739	43	55	0.019	ug/l #	71
38) Carbon Tetrachloride	5.556	117	16580	6.525	ug/l #	16
39) Methylcyclohexane	7.379	83	642	0.228	ug/l #	69
40) Benzene	6.037	78	1343	0.187	ug/l	97

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41) Methacrylonitrile	4.910	41	111	0.072	ug/l #	23
42) 1,2-Dichloroethane	6.111	62	703	0.238	ug/l #	78
43) Isopropyl Acetate	6.379	43	689	0.151	ug/l #	63
44) Trichloroethene	7.141	130	368	0.206	ug/l	77
45) 1,2-Dichloropropane	7.446	63	316	0.173	ug/l #	44
46) Dibromomethane	7.592	93	226	0.159	ug/l #	52
47) Bromodichloromethane	7.818	83	379	0.155	ug/l #	26
48) Methyl methacrylate	7.744	41	232	0.105	ug/l #	1
49) 1,4-Dioxane	7.757	88	38	1.035	ug/l #	32
51) 4-Methyl-2-Pentanone	8.580	43	1761	0.601	ug/l	92
52) Toluene	8.720	92	906	0.201	ug/l	83
53) t-1,3-Dichloropropene	9.006	75	264	0.110	ug/l #	41
54) cis-1,3-Dichloropropene	8.397	75	358	0.134	ug/l #	57
55) 1,1,2-Trichloroethane	9.165	97	225	0.126	ug/l #	88
56) Ethyl methacrylate	9.147	69	222	0.079	ug/l #	33
57) 1,3-Dichloropropane	9.317	76	647	0.208	ug/l #	73
58) 2-Chloroethyl Vinyl ether	8.263	63	1665	1.170	ug/l	90
59) 2-Hexanone	9.482	43	1047	0.493	ug/l	92
60) Dibromochloromethane	9.525	129	240	0.140	ug/l	78
61) 1,2-Dibromoethane	9.616	107	282	0.155	ug/l #	70
64) Tetrachloroethene	9.281	164	272	0.187	ug/l #	80
65) Chlorobenzene	10.079	112	1148	0.245	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	10.165	131	267	0.177	ug/l #	44
67) Ethyl Benzene	10.201	91	1601	0.198	ug/l	94
68) m/p-Xylenes	10.305	106	1204	0.405	ug/l	93
69) o-Xylene	10.646	106	462	0.154	ug/l	78
70) Styrene	10.665	104	836	0.173	ug/l #	81
71) Bromoform	10.805	173	231	0.241	ug/l #	29
73) Isopropylbenzene	10.963	105	1293	0.189	ug/l	89
74) N-amyl acetate	10.854	43	277	0.088	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	11.213	83	433	0.183	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	58558	29.395	ug/l #	36
77) Bromobenzene	11.201	156	532	0.321	ug/l	81
78) n-propylbenzene	11.311	91	1506	0.199	ug/l	98
79) 2-Chlorotoluene	11.372	91	1154	0.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	982	0.173	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	58558	94.473	ug/l #	4
82) 4-Chlorotoluene	11.463	91	1443	0.267	ug/l	84
83) tert-Butylbenzene	11.713	119	953	0.170	ug/l	77
84) 1,2,4-Trimethylbenzene	11.762	105	1069	0.192	ug/l	93
85) sec-Butylbenzene	11.890	105	1250	0.184	ug/l	87
86) p-Isopropyltoluene	12.012	119	886	0.157	ug/l #	28
87) 1,3-Dichlorobenzene	11.975	146	888	0.307	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	1015m	0.341	ug/l	
89) n-Butylbenzene	12.341	91	881	0.185	ug/l	89
90) Hexachloroethane	12.530	117	21	0.025	ug/l #	19
91) 1,2-Dichlorobenzene	12.341	146	831	0.277	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	438	0.266	ug/l	75
94) Hexachlorobutadiene	13.713	225	111	0.168	ug/l #	57
95) Naphthalene	13.786	128	1931	0.300	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.963	180	365	0.209	ug/l #	66

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

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