

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040042.D
 Acq On : 31 Jan 2024 12:50
 Operator : JC/MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 01 05:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72017	50.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	100.460%		
35) Dibromofluoromethane	5.385	113	53493	48.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	8.647	98	196386	47.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.200%		
62) 4-Bromofluorobenzene	11.079	95	67497	42.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	781	0.778	ug/l	89
3) Chloromethane	1.294	50	848	0.891	ug/l	99
4) Vinyl Chloride	1.374	62	771	0.876	ug/l #	79
5) Bromomethane	1.611	94	412	0.482	ug/l	83
6) Chloroethane	1.691	64	381	0.656	ug/l	95
7) Trichlorofluoromethane	1.886	101	729	0.521	ug/l #	47
8) Diethyl Ether	2.130	74	320	0.646	ug/l	54
9) 1,1,2-Trichlorotrifluo...	2.325	101	777	0.744	ug/l	94
10) Methyl Iodide	2.453	142	698	0.628	ug/l #	79
11) Tert butyl alcohol	2.953	59	1044	4.013	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	684	0.683	ug/l #	87
13) Acrolein	2.239	56	840	3.370	ug/l	95
14) Allyl chloride	2.660	41	1152	0.638	ug/l #	86
15) Acrylonitrile	3.068	53	2365	3.629	ug/l	95
16) Acetone	2.373	43	2739	4.077	ug/l	95
17) Carbon Disulfide	2.514	76	2015	0.688	ug/l #	88
18) Methyl Acetate	2.703	43	1132	0.711	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	2293	0.668	ug/l #	90
20) Methylene Chloride	2.788	84	974	0.816	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	813	0.737	ug/l	99
22) Diisopropyl ether	3.763	45	2374	0.679	ug/l #	91
23) Vinyl Acetate	3.733	43	8623	2.754	ug/l	100
24) 1,1-Dichloroethane	3.611	63	1561	0.779	ug/l #	83
25) 2-Butanone	4.580	43	3316	3.551	ug/l	91
26) 2,2-Dichloropropane	4.477	77	1197	0.766	ug/l	82
27) cis-1,2-Dichloroethene	4.495	96	1002	0.814	ug/l	85
28) Bromochloromethane	4.885	49	617	0.660	ug/l #	16
29) Tetrahydrofuran	5.013	42	1863	3.137	ug/l #	69
30) Chloroform	5.105	83	1586m	0.737	ug/l	
31) Cyclohexane	5.470	56	1117	0.622	ug/l #	87
32) 1,1,1-Trichloroethane	5.379	97	1232	0.667	ug/l #	37
36) 1,1-Dichloropropene	5.702	75	1077	0.675	ug/l	97
37) Ethyl Acetate	4.727	43	1420m	0.815	ug/l	
38) Carbon Tetrachloride	5.684	117	941	0.616	ug/l #	79
39) Methylcyclohexane	7.385	83	1166	0.601	ug/l #	81
40) Benzene	6.050	78	3234	0.696	ug/l #	87

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	486m	0.550	ug/l	
42) 1,2-Dichloroethane	6.086	62	1474	0.824	ug/l #	77
43) Isopropyl Acetate	6.360	43	1752	0.638	ug/l #	69
44) Trichloroethene	7.123	130	861	0.704	ug/l	77
45) 1,2-Dichloropropane	7.446	63	1048	0.854	ug/l	98
46) Dibromomethane	7.586	93	621	0.674	ug/l	92
47) Bromodichloromethane	7.824	83	1209	0.737	ug/l #	74
48) Methyl methacrylate	7.708	41	940	0.694	ug/l	91
49) 1,4-Dioxane	7.677	88	297	10.096	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	6462	3.445	ug/l	92
52) Toluene	8.720	92	2020	0.697	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	994	0.584	ug/l #	69
54) cis-1,3-Dichloropropene	8.372	75	1105	0.609	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	861	0.718	ug/l #	84
56) Ethyl methacrylate	9.122	69	1026	0.586	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	1249	0.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	2504	2.844	ug/l	95
59) 2-Hexanone	9.433	43	4365	2.918	ug/l	94
60) Dibromochloromethane	9.518	129	691	0.574	ug/l	93
61) 1,2-Dibromoethane	9.622	107	842	0.650	ug/l	93
64) Tetrachloroethene	9.275	164	765	0.848	ug/l	90
65) Chlorobenzene	10.073	112	2007	0.700	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	571	0.590	ug/l #	59
67) Ethyl Benzene	10.195	91	3114	0.606	ug/l	97
68) m/p-Xylenes	10.305	106	2188	1.131	ug/l	80
69) o-Xylene	10.640	106	1190	0.648	ug/l	95
70) Styrene	10.665	104	2096	0.678	ug/l	94
71) Bromoform	10.799	173	424	0.572	ug/l #	86
73) Isopropylbenzene	10.963	105	2811	0.626	ug/l	90
74) N-amyl acetate	10.847	43	1238	0.606	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	1295	0.767	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1075m	0.807	ug/l	
77) Bromobenzene	11.201	156	763	0.737	ug/l	88
78) n-propylbenzene	11.305	91	3655	0.661	ug/l	99
79) 2-Chlorotoluene	11.366	91	2260	0.679	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2277	0.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	107m	0.250	ug/l	
82) 4-Chlorotoluene	11.457	91	2903	0.760	ug/l	96
83) tert-Butylbenzene	11.713	119	2230	0.604	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2234	0.580	ug/l	99
85) sec-Butylbenzene	11.890	105	3293	0.673	ug/l	100
86) p-Isopropyltoluene	12.006	119	2688	0.673	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	1675	0.802	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	1654m	0.773	ug/l	
89) n-Butylbenzene	12.335	91	2166	0.558	ug/l	97
90) Hexachloroethane	12.536	117	372	0.589	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	1467	0.728	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	207	0.541	ug/l #	69
93) 1,2,4-Trichlorobenzene	13.591	180	752	0.597	ug/l	93
94) Hexachlorobutadiene	13.731	225	311	0.627	ug/l	84
95) Naphthalene	13.780	128	2471	0.578	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	677	0.544	ug/l	80

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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

