

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032544.D
 Acq On : 02 Nov 2022 17:36
 Operator : JC/MD
 Sample : N4955-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 03 03:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71783	50.983	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.385	113	58252	50.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	196567	48.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.079	95	71795	45.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2368	2.026	ug/l	89
3) Chloromethane	1.294	50	2335	2.362	ug/l	96
4) Vinyl Chloride	1.374	62	2563	2.356	ug/l	98
5) Bromomethane	1.605	94	2448	2.816	ug/l	95
6) Chloroethane	1.685	64	1619	2.219	ug/l	95
7) Trichlorofluoromethane	1.886	101	4958	2.406	ug/l	100
8) Diethyl Ether	2.130	74	1722	2.578	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	2749	2.527	ug/l	98
10) Methyl Iodide	2.453	142	2338	3.775	ug/l	98
11) Tert butyl alcohol	2.959	59	3215	15.688	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2387	2.349	ug/l	95
13) Acrolein	2.239	56	2330	11.389	ug/l	97
14) Allyl chloride	2.660	41	3840	2.370	ug/l	99
15) Acrylonitrile	3.068	53	7259	13.052	ug/l	99
16) Acetone	2.379	43	7027	13.732	ug/l	96
17) Carbon Disulfide	2.508	76	4672	1.930	ug/l #	94
18) Methyl Acetate	2.703	43	4192	2.519	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9081	2.542	ug/l	100
20) Methylene Chloride	2.788	84	3581	3.052	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	2619	2.368	ug/l	93
22) Diisopropyl ether	3.763	45	8814	2.515	ug/l	92
23) Vinyl Acetate	3.721	43	32784	11.581	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4977	2.469	ug/l	94
25) 2-Butanone	4.568	43	10309	13.003	ug/l	90
26) 2,2-Dichloropropane	4.477	77	3725	2.325	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3200	2.503	ug/l	98
28) Bromochloromethane	4.903	49	2155	3.002	ug/l #	100
29) Tetrahydrofuran	5.019	42	6171	12.207	ug/l	99
30) Chloroform	5.092	83	5649	2.554	ug/l	98
31) Cyclohexane	5.476	56	3906	2.288	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	5163	2.602	ug/l	98
36) 1,1-Dichloropropene	5.696	75	4034	2.489	ug/l	97
37) Ethyl Acetate	4.727	43	3975	2.356	ug/l #	92
38) Carbon Tetrachloride	5.684	117	4472	2.488	ug/l	88
39) Methylcyclohexane	7.385	83	4443	2.317	ug/l	95
40) Benzene	6.043	78	11521	2.512	ug/l	91

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41) Methacrylonitrile	4.928	41	2063	2.401	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	4847	2.585	ug/l	88
43) Isopropyl Acetate	6.342	43	6186	2.388	ug/l #	89
44) Trichloroethene	7.135	130	3144	2.435	ug/l	93
45) 1,2-Dichloropropane	7.433	63	2805	2.383	ug/l	96
46) Dibromomethane	7.586	93	2144	2.375	ug/l	97
47) Bromodichloromethane	7.824	83	4225	2.469	ug/l	97
48) Methyl methacrylate	7.702	41	2941	2.199	ug/l	91
49) 1,4-Dioxane	7.677	88	1272	49.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	19469	11.933	ug/l	99
52) Toluene	8.720	92	7278	2.432	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3608	2.067	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	3916	2.097	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	3060	2.428	ug/l	94
56) Ethyl methacrylate	9.122	69	4061	2.239	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5050	2.482	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	10312	11.810	ug/l	98
59) 2-Hexanone	9.433	43	14461	11.946	ug/l	95
60) Dibromochloromethane	9.518	129	3042	2.210	ug/l	94
61) 1,2-Dibromoethane	9.610	107	3070	2.299	ug/l	99
64) Tetrachloroethene	9.275	164	2723	2.600	ug/l	95
65) Chlorobenzene	10.079	112	8244	2.572	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	2857	2.368	ug/l	91
67) Ethyl Benzene	10.195	91	14163	2.471	ug/l	99
68) m/p-Xylenes	10.305	106	10804	4.854	ug/l	98
69) o-Xylene	10.646	106	5274	2.437	ug/l	99
70) Styrene	10.658	104	8390	2.333	ug/l	96
71) Bromoform	10.799	173	2116	2.218	ug/l #	91
73) Isopropylbenzene	10.963	105	13651	2.474	ug/l	100
74) N-amyl acetate	10.847	43	4513	2.165	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	4843	2.735	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	4052m	2.616	ug/l	
77) Bromobenzene	11.201	156	3600	2.661	ug/l	98
78) n-propylbenzene	11.305	91	15216	2.394	ug/l	99
79) 2-Chlorotoluene	11.366	91	9904	2.601	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	11405	2.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	925m	1.900	ug/l	
82) 4-Chlorotoluene	11.457	91	10838	2.433	ug/l	100
83) tert-Butylbenzene	11.713	119	11756	2.497	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11129	2.373	ug/l	97
85) sec-Butylbenzene	11.890	105	13297	2.347	ug/l	97
86) p-Isopropyltoluene	12.012	119	11441	2.380	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	6428	2.519	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6532	2.468	ug/l	87
89) n-Butylbenzene	12.335	91	9160	2.190	ug/l	98
90) Hexachloroethane	12.536	117	1827	2.327	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	6719	2.671	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	852	2.194	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3494	2.130	ug/l	97
94) Hexachlorobutadiene	13.725	225	1719	2.509	ug/l	96
95) Naphthalene	13.780	128	12543	2.295	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3846	2.306	ug/l	95

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

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