

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032520.D
 Acq On : 01 Nov 2022 17:54
 Operator : JC/MD
 Sample : N4955-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 02 06:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 02 06:18:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	110600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74738	48.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.391	113	59611	48.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	8.647	98	204201	47.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.060%		
62) 4-Bromofluorobenzene	11.079	95	76152	45.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2577	2.020	ug/l	98
3) Chloromethane	1.294	50	2321	2.152	ug/l	100
4) Vinyl Chloride	1.374	62	2723	2.294	ug/l	98
5) Bromomethane	1.611	94	2774	2.924	ug/l	100
6) Chloroethane	1.685	64	1925	2.417	ug/l #	88
7) Trichlorofluoromethane	1.886	101	5342	2.375	ug/l	93
8) Diethyl Ether	2.136	74	1761	2.416	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	2928	2.466	ug/l	94
10) Methyl Iodide	2.453	142	2967	2.404	ug/l	97
11) Tert butyl alcohol	2.971	59	3172	14.181	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	2576	2.322	ug/l	88
13) Acrolein	2.239	56	2392	10.712	ug/l	98
14) Allyl chloride	2.660	41	4162	2.354	ug/l	96
15) Acrylonitrile	3.068	53	7088	11.676	ug/l	98
16) Acetone	2.386	43	6938	12.422	ug/l	96
17) Carbon Disulfide	2.514	76	4710	1.783	ug/l #	94
18) Methyl Acetate	2.709	43	4064	2.238	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	9253	2.374	ug/l	100
20) Methylene Chloride	2.794	84	3994	3.119	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	2899	2.401	ug/l	92
22) Diisopropyl ether	3.763	45	9330	2.440	ug/l	95
23) Vinyl Acetate	3.727	43	34382	11.128	ug/l	96
24) 1,1-Dichloroethane	3.617	63	5255	2.389	ug/l	97
25) 2-Butanone	4.568	43	10088	11.658	ug/l	91
26) 2,2-Dichloropropane	4.477	77	3765	2.153	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	3410	2.443	ug/l	97
28) Bromochloromethane	4.897	49	2180	2.782	ug/l #	96
29) Tetrahydrofuran	5.013	42	6385	11.571	ug/l	95
30) Chloroform	5.099	83	6201	2.569	ug/l	99
31) Cyclohexane	5.470	56	4459	2.393	ug/l #	86
32) 1,1,1-Trichloroethane	5.391	97	5212	2.406	ug/l	99
36) 1,1-Dichloropropene	5.690	75	4060	2.360	ug/l	99
37) Ethyl Acetate	4.727	43	4423	2.469	ug/l #	91
38) Carbon Tetrachloride	5.678	117	4622	2.422	ug/l #	89
39) Methylcyclohexane	7.385	83	4523	2.222	ug/l	97
40) Benzene	6.037	78	11677	2.398	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2162	2.370	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	5262	2.644	ug/l	100
43) Isopropyl Acetate	6.348	43	6238	2.268	ug/l	99
44) Trichloroethene	7.129	130	3229	2.356	ug/l	98
45) 1,2-Dichloropropane	7.427	63	2881	2.305	ug/l	95
46) Dibromomethane	7.586	93	2429	2.534	ug/l	97
47) Bromodichloromethane	7.824	83	4436	2.442	ug/l #	93
48) Methyl methacrylate	7.696	41	3154	2.221	ug/l	95
49) 1,4-Dioxane	7.696	88	1337	49.396	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	19604	11.317	ug/l	100
52) Toluene	8.720	92	7981	2.512	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	3755	2.026	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	4212	2.124	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	3236	2.419	ug/l	96
56) Ethyl methacrylate	9.116	69	4318	2.243	ug/l	94
57) 1,3-Dichloropropane	9.311	76	5262	2.435	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	10381	11.198	ug/l	98
59) 2-Hexanone	9.433	43	14335	11.153	ug/l	99
60) Dibromochloromethane	9.525	129	3325	2.275	ug/l	98
61) 1,2-Dibromoethane	9.616	107	3293	2.323	ug/l	98
64) Tetrachloroethene	9.275	164	2739	2.448	ug/l	96
65) Chlorobenzene	10.079	112	8399	2.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	3165	2.456	ug/l	97
67) Ethyl Benzene	10.195	91	14512	2.370	ug/l	97
68) m/p-Xylenes	10.305	106	10994	4.623	ug/l	97
69) o-Xylene	10.640	106	5649	2.443	ug/l	96
70) Styrene	10.659	104	8570	2.230	ug/l	98
71) Bromoform	10.799	173	2071	2.032	ug/l #	93
73) Isopropylbenzene	10.963	105	14552	2.481	ug/l	98
74) N-amyl acetate	10.848	43	5290	2.387	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	4857	2.579	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	4192m	2.545	ug/l	
77) Bromobenzene	11.201	156	3522	2.449	ug/l	94
78) n-propylbenzene	11.305	91	16329	2.416	ug/l	100
79) 2-Chlorotoluene	11.366	91	10314	2.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	12071	2.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	881m	1.702	ug/l	
82) 4-Chlorotoluene	11.457	91	11942	2.521	ug/l	97
83) tert-Butylbenzene	11.713	119	12538	2.505	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	12253	2.457	ug/l	100
85) sec-Butylbenzene	11.890	105	14472	2.403	ug/l	99
86) p-Isopropyltoluene	12.012	119	11954	2.339	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	6800	2.507	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	7134	2.535	ug/l	89
89) n-Butylbenzene	12.335	91	10088	2.269	ug/l	99
90) Hexachloroethane	12.536	117	2088	2.501	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	6754	2.525	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	928	2.248	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	3981	2.282	ug/l	99
94) Hexachlorobutadiene	13.725	225	1734	2.380	ug/l	97
95) Naphthalene	13.780	128	13065	2.248	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	4100	2.312	ug/l	95

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

