

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022093.D
 Acq On : 19 May 2021 17:23
 Operator : JC/MD
 Sample : M2262-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2021

Manual Integrations
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 5/21/2021 1:50:18 PM

Quant Time: May 20 04:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 04:41:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	147197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62877	47.09	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.18%		
35) Dibromofluoromethane	5.397	113	49035	46.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.12%		
50) Toluene-d8	8.653	98	188102	45.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.74%#		
62) 4-Bromofluorobenzene	11.085	95	68001	44.86	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.72%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	922	0.88	ug/l	92
3) Chloromethane	1.288	50	1236	1.09	ug/l	91
4) Vinyl Chloride	1.368	62	1143	0.95	ug/l #	77
5) Bromomethane	1.605	94	900	1.29	ug/l	92
6) Chloroethane	1.685	64	803	1.12	ug/l	96
7) Trichlorofluoromethane	1.892	101	1881	1.09	ug/l	92
8) Diethyl Ether	2.130	74	711	0.96	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	950	0.93	ug/l	92
10) Methyl Iodide	2.459	142	1050	0.95	ug/l #	87
11) Tert butyl alcohol	2.983	59	1926	6.31	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	867	0.87	ug/l	96
13) Acrolein	2.239	56	1144	5.65	ug/l #	80
14) Allyl chloride	2.666	41	1804	0.99	ug/l	88
15) Acrylonitrile	3.075	53	2819	4.69	ug/l	94
16) Acetone	2.386	43	3068	5.28	ug/l	92
17) Carbon Disulfide	2.514	76	2710	1.04	ug/l	99
18) Methyl Acetate	2.715	43	1490	0.96	ug/l #	89
19) Methyl tert-butyl Ether	3.129	73	3145	0.93	ug/l	99
20) Methylene Chloride	2.794	84	1691	1.31	ug/l #	94
21) trans-1,2-Dichloroethene	3.087	96	1196	1.11	ug/l #	64
22) Diisopropyl ether	3.763	45	2924	0.83	ug/l #	67
23) Vinyl Acetate	3.727	43	14221	4.21	ug/l #	85
24) 1,1-Dichloroethane	3.617	63	1828	0.89	ug/l #	91
25) 2-Butanone	4.587	43	4590	4.88	ug/l #	87
26) 2,2-Dichloropropane	4.495	77	1459	0.80	ug/l	93
27) cis-1,2-Dichloroethene	4.507	96	1230	0.94	ug/l	93
28) Bromochloromethane	4.897	49	981	0.98	ug/l #	77
29) Tetrahydrofuran	5.044	42	2656	4.74	ug/l #	59
30) Chloroform	5.111	83	1880	0.88	ug/l	84
31) Cyclohexane	5.477	56	1588	0.95	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	1507m	0.83	ug/l	
36) 1,1-Dichloropropene	5.696	75	1563	1.01	ug/l	93
37) Ethyl Acetate	4.727	43	1967	1.03	ug/l #	72
38) Carbon Tetrachloride	5.684	117	1239	0.82	ug/l #	90
39) Methylcyclohexane	7.391	83	1584	0.90	ug/l	94
40) Benzene	6.050	78	4155	0.87	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1048	1.03	ug/l #	37
42) 1,2-Dichloroethane	6.098	62	1547m	0.92	ug/l	
43) Isopropyl Acetate	6.348	43	2845	0.91	ug/l #	79
44) Trichloroethene	7.135	130	1082	0.91	ug/l	84
45) 1,2-Dichloropropane	7.434	63	1061	0.87	ug/l #	86
46) Dibromomethane	7.592	93	726	0.88	ug/l	85
47) Bromodichloromethane	7.830	83	1336	0.81	ug/l	91
48) Methyl methacrylate	7.696	41	1324	0.92	ug/l	85
49) 1,4-Dioxane	7.690	88	555	19.87	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	7961	4.27	ug/l	91
52) Toluene	8.726	92	2440	0.81	ug/l	86
53) t-1,3-Dichloropropene	8.982	75	1450	0.76	ug/l #	82
54) cis-1,3-Dichloropropene	8.379	75	1575	0.77	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	1044	0.85	ug/l	95
56) Ethyl methacrylate	9.122	69	1606	0.81	ug/l #	85
57) 1,3-Dichloropropane	9.317	76	1939	0.92	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	4754	4.43	ug/l	100
59) 2-Hexanone	9.433	43	5758	4.11	ug/l	95
60) Dibromochloromethane	9.525	129	1078	0.90	ug/l	89
61) 1,2-Dibromoethane	9.616	107	1000	0.82	ug/l	98
64) Tetrachloroethene	9.281	164	974	1.01	ug/l #	77
65) Chlorobenzene	10.086	112	2686	0.88	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	994	0.93	ug/l #	58
67) Ethyl Benzene	10.195	91	5111	0.91	ug/l	92
68) m/p-Xylenes	10.305	106	3710	1.74	ug/l	99
69) o-Xylene	10.646	106	1927	0.93	ug/l	97
70) Styrene	10.659	104	2923	0.86	ug/l	98
71) Bromoform	10.799	173	606	0.82	ug/l #	98
73) Isopropylbenzene	10.970	105	4881	0.91	ug/l	100
74) N-amyl acetate	10.848	43	2068	0.82	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	1475	0.83	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1484m	0.95	ug/l	
77) Bromobenzene	11.201	156	1125	0.99	ug/l	88
78) n-propylbenzene	11.311	91	5506	0.88	ug/l	98
79) 2-Chlorotoluene	11.366	91	3365	0.89	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	4000	0.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	532m	0.81	ug/l	
82) 4-Chlorotoluene	11.457	91	3885	0.89	ug/l	97
83) tert-Butylbenzene	11.719	119	3806	0.90	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3687	0.83	ug/l	98
85) sec-Butylbenzene	11.896	105	4304	0.80	ug/l	96
86) p-Isopropyltoluene	12.012	119	3484	0.77	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	2036	0.93	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	2009m	0.89	ug/l	
89) n-Butylbenzene	12.335	91	3209	0.76	ug/l	97
90) Hexachloroethane	12.542	117	576	0.77	ug/l	59
91) 1,2-Dichlorobenzene	12.341	146	2011	0.96	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	251	0.66	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1139	0.90	ug/l	93
94) Hexachlorobutadiene	13.731	225	445	0.90	ug/l	93
95) Naphthalene	13.780	128	4272	0.87	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1005	0.79	ug/l	93

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

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