

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023192.D
 Acq On : 08 Jul 2021 12:17
 Operator : JC/MD
 Sample : M2940-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:42:17 PM

Quant Time: Jul 09 03:24:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 03:22:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	265017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	182843	51.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.397	113	131080	47.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.220%			
50) Toluene-d8	8.653	98	494239	47.624	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.240%			
62) 4-Bromofluorobenzene	11.085	95	182787	45.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	5095	2.122	ug/l	98
3) Chloromethane	1.301	50	5813	2.447	ug/l	93
4) Vinyl Chloride	1.374	62	6200	2.463	ug/l	91
5) Bromomethane	1.599	94	4247	3.019	ug/l	84
6) Chloroethane	1.685	64	4205	2.555	ug/l	97
7) Trichlorofluoromethane	1.886	101	10695	2.445	ug/l	98
8) Diethyl Ether	2.142	74	3844	2.381	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	6372	2.489	ug/l	98
10) Methyl Iodide	2.453	142	6818	2.169	ug/l	91
11) Tert butyl alcohol	2.971	59	12199	16.280	ug/l	97
12) 1,1-Dichloroethene	2.319	96	6078	2.573	ug/l	94
13) Acrolein	2.245	56	5721	11.466	ug/l	86
14) Allyl chloride	2.666	41	9551	2.327	ug/l #	86
15) Acrylonitrile	3.075	53	17811	12.224	ug/l	99
16) Acetone	2.386	43	16995	12.060	ug/l	97
17) Carbon Disulfide	2.514	76	12325	2.474	ug/l #	93
18) Methyl Acetate	2.715	43	8767	2.563	ug/l #	86
19) Methyl tert-butyl Ether	3.123	73	21519	2.436	ug/l	100
20) Methylene Chloride	2.794	84	8160	2.690	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	6423	2.517	ug/l	95
22) Diisopropyl ether	3.776	45	20617	2.382	ug/l	99
23) Vinyl Acetate	3.733	43	86165	11.763	ug/l #	93
24) 1,1-Dichloroethane	3.623	63	12256	2.506	ug/l #	93
25) 2-Butanone	4.568	43	25442	11.973	ug/l	97
26) 2,2-Dichloropropane	4.489	77	10706	2.608	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	7684	2.486	ug/l	99
28) Bromochloromethane	4.910	49	5940	2.560	ug/l	96
29) Tetrahydrofuran	5.025	42	16957	12.414	ug/l #	72
30) Chloroform	5.105	83	12721	2.408	ug/l	97
31) Cyclohexane	5.477	56	10845	2.543	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	11138	2.421	ug/l	94
36) 1,1-Dichloropropene	5.702	75	9130	2.377	ug/l	97
37) Ethyl Acetate	4.733	43	9507	2.269	ug/l	97
38) Carbon Tetrachloride	5.684	117	9666	2.411	ug/l	99
39) Methylcyclohexane	7.385	83	10928	2.433	ug/l	97
40) Benzene	6.044	78	27541	2.470	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5473	2.337	ug/l	92
42) 1,2-Dichloroethane	6.105	62	11492	2.565	ug/l	95
43) Isopropyl Acetate	6.354	43	16603	2.382	ug/l	94
44) Trichloroethene	7.129	130	7638	2.415	ug/l	88
45) 1,2-Dichloropropane	7.440	63	6995	2.403	ug/l	93
46) Dibromomethane	7.592	93	5055	2.432	ug/l	93
47) Bromodichloromethane	7.830	83	8289	2.184	ug/l	96
48) Methyl methacrylate	7.702	41	8202	2.398	ug/l #	85
49) 1,4-Dioxane	7.677	88	3517	45.697	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	48075	11.132	ug/l	91
52) Toluene	8.726	92	17029	2.360	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	8888	2.145	ug/l	96
54) cis-1,3-Dichloropropene	8.379	75	10120	2.301	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	7215	2.381	ug/l	86
56) Ethyl methacrylate	9.122	69	10389	2.219	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	11185	2.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	25242	11.021	ug/l	96
59) 2-Hexanone	9.433	43	36311	10.959	ug/l	89
60) Dibromochloromethane	9.525	129	5953	2.045	ug/l	93
61) 1,2-Dibromoethane	9.616	107	7049	2.266	ug/l	98
64) Tetrachloroethene	9.281	164	7542	2.468	ug/l	93
65) Chlorobenzene	10.086	112	18512	2.445	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	6468	2.362	ug/l	99
67) Ethyl Benzene	10.195	91	32428	2.422	ug/l	96
68) m/p-Xylenes	10.305	106	24202	4.736	ug/l	98
69) o-Xylene	10.646	106	11634	2.259	ug/l	95
70) Styrene	10.659	104	18984	2.256	ug/l	95
71) Bromoform	10.805	173	3923	2.034	ug/l #	94
73) Isopropylbenzene	10.963	105	31053	2.498	ug/l	99
74) N-amyl acetate	10.848	43	11850	2.247	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	10198	2.582	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	9556m	2.691	ug/l	
77) Bromobenzene	11.201	156	7757	2.499	ug/l	97
78) n-propylbenzene	11.305	91	35145	2.445	ug/l	99
79) 2-Chlorotoluene	11.366	91	22291	2.509	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	25591	2.391	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	2224m	1.923	ug/l	
82) 4-Chlorotoluene	11.457	91	24954	2.487	ug/l	100
83) tert-Butylbenzene	11.719	119	24928	2.454	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	25682	2.428	ug/l	97
85) sec-Butylbenzene	11.896	105	30934	2.367	ug/l	98
86) p-Isopropyltoluene	12.012	119	24937	2.274	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	14223	2.441	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14753	2.514	ug/l	87
89) n-Butylbenzene	12.335	91	20707	2.156	ug/l	95
90) Hexachloroethane	12.542	117	3399	2.116	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	14025	2.419	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1859	2.212	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	7736	2.166	ug/l	98
94) Hexachlorobutadiene	13.725	225	3357	2.220	ug/l	91
95) Naphthalene	13.780	128	24687	2.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7816	2.176	ug/l	97

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

