

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023561.D
 Acq On : 05 Aug 2021 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:06 PM

Quant Time: Aug 06 03:21:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	322847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129598	50.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.520%			
35) Dibromofluoromethane	5.391	113	103056	51.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.653	98	377735	50.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.085	95	144624	57.348	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	94785	49.839	ug/l	99
3) Chloromethane	1.294	50	106582	48.109	ug/l	100
4) Vinyl Chloride	1.374	62	106940	47.686	ug/l	98
5) Bromomethane	1.599	94	63271	47.522	ug/l	99
6) Chloroethane	1.678	64	71100	51.659	ug/l	98
7) Trichlorofluoromethane	1.880	101	180619	49.991	ug/l	95
8) Diethyl Ether	2.142	74	67146	50.351	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	104031	50.823	ug/l	96
10) Methyl Iodide	2.453	142	143261	55.862	ug/l	96
11) Tert butyl alcohol	2.977	59	138713	235.480	ug/l	98
12) 1,1-Dichloroethene	2.319	96	96574	47.546	ug/l	95
13) Acrolein	2.239	56	75731	252.876	ug/l	97
14) Allyl chloride	2.666	41	180244	48.810	ug/l	93
15) Acrylonitrile	3.068	53	334255	251.284	ug/l	98
16) Acetone	2.386	43	341471	269.954	ug/l	92
17) Carbon Disulfide	2.514	76	221114	44.148	ug/l	100
18) Methyl Acetate	2.709	43	152507	50.718	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	369152	52.270	ug/l	99
20) Methylene Chloride	2.794	84	118059	47.982	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	105002	48.664	ug/l	98
22) Diisopropyl ether	3.769	45	377675	51.810	ug/l	96
23) Vinyl Acetate	3.727	43	1689296	262.518	ug/l	95
24) 1,1-Dichloroethane	3.617	63	201685	50.338	ug/l	98
25) 2-Butanone	4.568	43	513799	261.640	ug/l	92
26) 2,2-Dichloropropane	4.477	77	167780	51.200	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	125824	50.212	ug/l	98
28) Bromochloromethane	4.903	49	98346	52.595	ug/l	95
29) Tetrahydrofuran	5.013	42	314994	244.714	ug/l	89
30) Chloroform	5.105	83	208694	50.890	ug/l	99
31) Cyclohexane	5.476	56	178192	46.649	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	179398	51.187	ug/l	97
36) 1,1-Dichloropropene	5.696	75	149510	51.193	ug/l	99
37) Ethyl Acetate	4.721	43	185763	50.448	ug/l #	94
38) Carbon Tetrachloride	5.684	117	156038	52.537	ug/l	98
39) Methylcyclohexane	7.385	83	191276	51.860	ug/l	98
40) Benzene	6.043	78	444622	51.347	ug/l	99

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41) Methacrylonitrile	4.928	41	100772	51.830	ug/l	93
42) 1,2-Dichloroethane	6.092	62	177164	55.335	ug/l	95
43) Isopropyl Acetate	6.348	43	302911	53.087	ug/l	93
44) Trichloroethene	7.129	130	123493	51.913	ug/l	100
45) 1,2-Dichloropropane	7.433	63	120648	52.653	ug/l	98
46) Dibromomethane	7.586	93	85208	54.823	ug/l	98
47) Bromodichloromethane	7.824	83	158189	56.493	ug/l	100
48) Methyl methacrylate	7.696	41	148009	56.009	ug/l	87
49) 1,4-Dioxane	7.665	88	58445	1038.637	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	991702	284.154	ug/l	91
52) Toluene	8.720	92	290533	54.157	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	185713	52.209	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	194249	55.648	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	127118	58.516	ug/l	98
56) Ethyl methacrylate	9.122	69	203665	58.488	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	207336	56.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	504048	273.248	ug/l	96
59) 2-Hexanone	9.433	43	764722	288.549	ug/l	88
60) Dibromochloromethane	9.525	129	127867	52.984	ug/l	98
61) 1,2-Dibromoethane	9.610	107	133268	57.500	ug/l	99
64) Tetrachloroethene	9.275	164	122209	49.882	ug/l	96
65) Chlorobenzene	10.079	112	324903	51.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	120624	49.826	ug/l	99
67) Ethyl Benzene	10.195	91	573513	52.484	ug/l	98
68) m/p-Xylenes	10.305	106	441971	105.167	ug/l	100
69) o-Xylene	10.646	106	217027	52.088	ug/l	99
70) Styrene	10.659	104	363422	55.051	ug/l	98
71) Bromoform	10.805	173	92191	48.683	ug/l #	99
73) Isopropylbenzene	10.963	105	577585	52.585	ug/l	99
74) N-amyl acetate	10.848	43	262576	52.400	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182525	51.014	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	176712m	55.167	ug/l	
77) Bromobenzene	11.201	156	142239	53.683	ug/l	96
78) n-propylbenzene	11.305	91	667178	53.670	ug/l	99
79) 2-Chlorotoluene	11.366	91	398068	53.588	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	477626	53.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	61642	51.744	ug/l	91
82) 4-Chlorotoluene	11.457	91	452417	53.835	ug/l	100
83) tert-Butylbenzene	11.719	119	469247	53.480	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	478625	53.793	ug/l	100
85) sec-Butylbenzene	11.896	105	610536	53.665	ug/l	100
86) p-Isopropyltoluene	12.012	119	502266	54.670	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	255645	52.152	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	254865	51.240	ug/l	100
89) n-Butylbenzene	12.335	91	447973	53.864	ug/l	98
90) Hexachloroethane	12.542	117	80385	48.897	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	243765	51.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39587	45.791	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	157897	52.949	ug/l	99
94) Hexachlorobutadiene	13.725	225	69490	51.926	ug/l	98
95) Naphthalene	13.780	128	540906	52.756	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161253	53.549	ug/l	99

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

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