

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022755.D
 Acq On : 18 Jun 2021 09:53
 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
 6/21/2021 10:57:32 AM

Quant Time: Jun 19 01:40:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56830	47.327	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.660%		
35) Dibromofluoromethane	5.391	113	40532	49.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.653	98	156346	48.192	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.085	95	59686	48.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	36933	47.137	ug/l	97
3) Chloromethane	1.294	50	39303	41.513	ug/l	100
4) Vinyl Chloride	1.374	62	38869	41.782	ug/l	97
5) Bromomethane	1.599	94	26616	52.595	ug/l	95
6) Chloroethane	1.678	64	25425	45.137	ug/l	99
7) Trichlorofluoromethane	1.886	101	63278	47.236	ug/l	94
8) Diethyl Ether	2.136	74	25475	47.072	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	40461	49.507	ug/l	91
10) Methyl Iodide	2.453	142	40030	43.685	ug/l	94
11) Tert butyl alcohol	2.977	59	58183	209.267	ug/l	98
12) 1,1-Dichloroethene	2.319	96	36922	45.549	ug/l	92
13) Acrolein	2.239	56	27044	232.110	ug/l	100
14) Allyl chloride	2.666	41	73746	47.058	ug/l	94
15) Acrylonitrile	3.068	53	132779	243.159	ug/l	98
16) Acetone	2.386	43	127147	236.469	ug/l	96
17) Carbon Disulfide	2.514	76	76838	42.124	ug/l	97
18) Methyl Acetate	2.709	43	76050	46.988	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	141840	50.428	ug/l	95
20) Methylene Chloride	2.788	84	48480	46.676	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	41956	46.710	ug/l	93
22) Diisopropyl ether	3.769	45	152843	49.281	ug/l	95
23) Vinyl Acetate	3.727	43	723798	253.236	ug/l	94
24) 1,1-Dichloroethane	3.617	63	84118	46.739	ug/l	98
25) 2-Butanone	4.568	43	213388	244.702	ug/l	90
26) 2,2-Dichloropropane	4.483	77	68878	50.182	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	51990	47.505	ug/l	95
28) Bromochloromethane	4.897	49	43786	50.314	ug/l #	78
29) Tetrahydrofuran	5.013	42	122801	241.858	ug/l	88
30) Chloroform	5.105	83	86641	48.297	ug/l	97
31) Cyclohexane	5.477	56	65284	45.067	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	70293	46.230	ug/l	97
36) 1,1-Dichloropropene	5.696	75	62390	48.545	ug/l	97
37) Ethyl Acetate	4.721	43	79579	48.717	ug/l	94
38) Carbon Tetrachloride	5.684	117	57175	52.007	ug/l	97
39) Methylcyclohexane	7.385	83	65645	48.962	ug/l	94
40) Benzene	6.043	78	187849	49.129	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	44839	51.222	ug/l	93
42) 1,2-Dichloroethane	6.092	62	73167	52.024	ug/l	97
43) Isopropyl Acetate	6.348	43	133334	51.686	ug/l	93
44) Trichloroethene	7.129	130	44772	49.880	ug/l	92
45) 1,2-Dichloropropane	7.433	63	52069	50.471	ug/l	95
46) Dibromomethane	7.586	93	33923	48.858	ug/l #	85
47) Bromodichloromethane	7.824	83	65142	48.336	ug/l #	97
48) Methyl methacrylate	7.696	41	63788	51.508	ug/l	87
49) 1,4-Dioxane	7.665	88	23814	1010.327	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	431351	263.419	ug/l	90
52) Toluene	8.720	92	115270	48.438	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	74801	46.835	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	81743	47.688	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50765	52.135	ug/l	96
56) Ethyl methacrylate	9.122	69	84084	47.844	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	90126	53.219	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	229904	261.904	ug/l	95
59) 2-Hexanone	9.433	43	336172	268.697	ug/l	88
60) Dibromochloromethane	9.525	129	45901	48.120	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52173	53.684	ug/l	96
64) Tetrachloroethene	9.275	164	40038	52.018	ug/l #	88
65) Chlorobenzene	10.079	112	124909	49.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43100	47.051	ug/l	97
67) Ethyl Benzene	10.195	91	234908	50.303	ug/l	97
68) m/p-Xylenes	10.305	106	170683	100.907	ug/l	96
69) o-Xylene	10.646	106	81818	49.923	ug/l	94
70) Styrene	10.659	104	140588	46.551	ug/l	95
71) Bromoform	10.805	173	26924	45.212	ug/l #	98
73) Isopropylbenzene	10.963	105	223883	51.689	ug/l	98
74) N-amyl acetate	10.848	43	121242	52.049	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	81484	52.891	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75144m	53.727	ug/l	
77) Bromobenzene	11.201	156	46049	49.767	ug/l	80
78) n-propylbenzene	11.305	91	272530	52.093	ug/l	97
79) 2-Chlorotoluene	11.366	91	158797	50.161	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	185874	51.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	25823	48.057	ug/l	89
82) 4-Chlorotoluene	11.457	91	186899	51.591	ug/l	95
83) tert-Butylbenzene	11.719	119	172416	50.881	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	189991	51.915	ug/l	96
85) sec-Butylbenzene	11.896	105	229462	51.844	ug/l	97
86) p-Isopropyltoluene	12.012	119	195523	53.511	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	90373	51.459	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	90313	49.955	ug/l	95
89) n-Butylbenzene	12.335	91	191322	54.692	ug/l	96
90) Hexachloroethane	12.542	117	28630	47.354	ug/l	68
91) 1,2-Dichlorobenzene	12.335	146	88640	51.797	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16931	46.861	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	52597	51.231	ug/l	98
94) Hexachlorobutadiene	13.731	225	19254	52.297	ug/l	99
95) Naphthalene	13.780	128	216756	48.396	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53187	53.141	ug/l	97

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

