

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022478.D
 Acq On : 06 Jun 2021 15:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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6/7/2021 4:54:03 PM

Quant Time: Jun 07 04:23:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	147195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58305	53.447	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.900%
35) Dibromofluoromethane	5.397	113	42669	45.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.653	98	153994	42.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.660%#
62) 4-Bromofluorobenzene	11.085	95	59459	44.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	39556	46.009	ug/l	97
3) Chloromethane	1.294	50	51250	55.264	ug/l	99
4) Vinyl Chloride	1.374	62	49214	50.151	ug/l	97
5) Bromomethane	1.599	94	27940	48.837	ug/l	97
6) Chloroethane	1.678	64	30461	52.132	ug/l	97
7) Trichlorofluoromethane	1.880	101	67706	47.987	ug/l	93
8) Diethyl Ether	2.136	74	30273	49.890	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	38562	46.026	ug/l	91
10) Methyl Iodide	2.453	142	50339	55.908	ug/l	95
11) Tert butyl alcohol	2.977	59	70920	284.239	ug/l	99
12) 1,1-Dichloroethene	2.318	96	41666	51.407	ug/l	98
13) Acrolein	2.239	56	33928	205.024	ug/l	97
14) Allyl chloride	2.666	41	76340	51.281	ug/l	96
15) Acrylonitrile	3.068	53	149988	305.344	ug/l	99
16) Acetone	2.386	43	140696	296.199	ug/l	95
17) Carbon Disulfide	2.514	76	98451	46.377	ug/l	97
18) Methyl Acetate	2.709	43	76853	60.837	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	157282	56.647	ug/l	98
20) Methylene Chloride	2.794	84	53576	50.799	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	46388	52.618	ug/l	94
22) Diisopropyl ether	3.769	45	167869	58.547	ug/l	96
23) Vinyl Acetate	3.727	43	814597	295.074	ug/l	96
24) 1,1-Dichloroethane	3.611	63	93256	55.424	ug/l	99
25) 2-Butanone	4.568	43	235934	307.021	ug/l	91
26) 2,2-Dichloropropane	4.483	77	31771	21.271	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	57763	53.876	ug/l	96
28) Bromochloromethane	4.903	49	43146	52.857	ug/l	# 79
29) Tetrahydrofuran	5.013	42	137932	301.569	ug/l	89
30) Chloroform	5.098	83	93768	53.936	ug/l	98
31) Cyclohexane	5.470	56	68454	49.935	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	73087	49.198	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64080	47.079	ug/l	98
37) Ethyl Acetate	4.720	43	91344	54.746	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	58678	44.071	ug/l	91
39) Methylcyclohexane	7.385	83	67774	43.904	ug/l	99
40) Benzene	6.043	78	208913	49.885	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	49630	55.601	ug/l	93
42) 1,2-Dichloroethane	6.092	62	77067	52.527	ug/l	97
43) Isopropyl Acetate	6.348	43	151037	55.342	ug/l #	93
44) Trichloroethene	7.129	130	47823	45.954	ug/l	100
45) 1,2-Dichloropropane	7.433	63	56523	52.909	ug/l	100
46) Dibromomethane	7.586	93	37108	51.200	ug/l #	86
47) Bromodichloromethane	7.824	83	69889	48.188	ug/l	99
48) Methyl methacrylate	7.696	41	70794	56.287	ug/l	90
49) 1,4-Dioxane	7.665	88	27702	1131.255	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	471978	288.711	ug/l	91
52) Toluene	8.720	92	125857	47.455	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	72326	43.202	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	78704	43.728	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	54230	50.369	ug/l	97
56) Ethyl methacrylate	9.122	69	91883	52.804	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	96005	52.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	229626	243.994	ug/l	96
59) 2-Hexanone	9.433	43	360215	292.970	ug/l	89
60) Dibromochloromethane	9.524	129	48773	46.564	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56281	52.502	ug/l	97
64) Tetrachloroethene	9.275	164	40846	46.802	ug/l #	90
65) Chlorobenzene	10.079	112	129719	46.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45399	47.215	ug/l	96
67) Ethyl Benzene	10.195	91	238428	46.837	ug/l	98
68) m/p-Xylenes	10.305	106	177363	92.191	ug/l	98
69) o-Xylene	10.646	106	86389	46.170	ug/l	98
70) Styrene	10.658	104	145954	47.615	ug/l	96
71) Bromoform	10.805	173	29772	40.674	ug/l #	99
73) Isopropylbenzene	10.963	105	222600	45.337	ug/l	100
74) N-amyl acetate	10.847	43	133684	57.363	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	87288	53.637	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	78824m	55.078	ug/l	
77) Bromobenzene	11.201	156	49242	47.301	ug/l	86
78) n-propylbenzene	11.305	91	265205	46.115	ug/l	98
79) 2-Chlorotoluene	11.366	91	157807	45.242	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	193166	47.469	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	21751	36.010	ug/l	93
82) 4-Chlorotoluene	11.457	91	183742	45.723	ug/l	96
83) tert-Butylbenzene	11.719	119	176474	45.218	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	194290	47.434	ug/l	97
85) sec-Butylbenzene	11.896	105	227748	45.921	ug/l	97
86) p-Isopropyltoluene	12.012	119	189832	45.319	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	92703	46.185	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	92576	44.620	ug/l	96
89) n-Butylbenzene	12.335	91	178639	46.104	ug/l	97
90) Hexachloroethane	12.542	117	28691	41.445	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	91980	47.708	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18221	52.323	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	52779	45.367	ug/l	97
94) Hexachlorobutadiene	13.725	225	18352	40.416	ug/l	98
95) Naphthalene	13.780	128	236218	52.065	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55445	47.280	ug/l	98

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

