

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022351.D
 Acq On : 03 Jun 2021 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 1:54:27 PM

Quant Time: Jun 03 13:01:54 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	91696	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	178565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76692	54.219	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.440%	
35) Dibromofluoromethane	5.391	113	57781	51.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.653	98	222734	51.062	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	11.085	95	85975	53.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	55505	49.791	ug/l	100
3) Chloromethane	1.295	50	62476	51.957	ug/l	99
4) Vinyl Chloride	1.374	62	62973	49.492	ug/l	99
5) Bromomethane	1.599	94	38600	52.035	ug/l	100
6) Chloroethane	1.679	64	39219	51.766	ug/l	98
7) Trichlorofluoromethane	1.886	101	90630	49.540	ug/l	98
8) Diethyl Ether	2.136	74	36002	45.759	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	55203	50.816	ug/l	90
10) Methyl Iodide	2.453	142	62517	53.550	ug/l	95
11) Tert butyl alcohol	2.977	59	75132	232.234	ug/l	100
12) 1,1-Dichloroethene	2.319	96	54798	52.142	ug/l	98
13) Acrolein	2.239	56	55128	256.924	ug/l	99
14) Allyl chloride	2.666	41	101232	52.446	ug/l	94
15) Acrylonitrile	3.069	53	165853	260.400	ug/l	100
16) Acetone	2.386	43	185372	300.976	ug/l	94
17) Carbon Disulfide	2.514	76	140106	50.901	ug/l	100
18) Methyl Acetate	2.709	43	81477	49.742	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	184388	51.218	ug/l	100
20) Methylene Chloride	2.794	84	65723	48.061	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	61438	53.746	ug/l	97
22) Diisopropyl ether	3.770	45	197445	53.109	ug/l	94
23) Vinyl Acetate	3.727	43	956419	267.191	ug/l	96
24) 1,1-Dichloroethane	3.611	63	114807	52.623	ug/l	98
25) 2-Butanone	4.562	43	276462	277.459	ug/l	90
26) 2,2-Dichloropropane	4.483	77	95974	49.555	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	71773	51.629	ug/l	99
28) Bromochloromethane	4.904	49	56671	53.544	ug/l	# 81
29) Tetrahydrofuran	5.013	42	152165	256.579	ug/l	91
30) Chloroform	5.105	83	115120	51.069	ug/l	96
31) Cyclohexane	5.471	56	95640	53.807	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	97095	50.406	ug/l	98
36) 1,1-Dichloropropene	5.696	75	88075	53.341	ug/l	98
37) Ethyl Acetate	4.721	43	102365	50.573	ug/l	95
38) Carbon Tetrachloride	5.678	117	81517	50.468	ug/l	96
39) Methylcyclohexane	7.385	83	98619	52.662	ug/l	96
40) Benzene	6.044	78	265548	52.269	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	55974	51.692	ug/l	93
42) 1,2-Dichloroethane	6.092	62	93497	52.530	ug/l	97
43) Isopropyl Acetate	6.348	43	169516	51.201	ug/l	94
44) Trichloroethene	7.129	130	62840	49.776	ug/l	95
45) 1,2-Dichloropropane	7.434	63	68612	52.942	ug/l	97
46) Dibromomethane	7.586	93	44922	51.092	ug/l #	86
47) Bromodichloromethane	7.824	83	86812	49.341	ug/l	96
48) Methyl methacrylate	7.696	41	79543	52.133	ug/l	89
49) 1,4-Dioxane	7.665	88	30640	1031.418	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	524685	264.568	ug/l	91
52) Toluene	8.720	92	165501	51.440	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	102310	50.376	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	112551	51.548	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	66629	51.013	ug/l	97
56) Ethyl methacrylate	9.122	69	110315	52.259	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	116982	52.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	273315	239.397	ug/l	96
59) 2-Hexanone	9.433	43	412180	276.341	ug/l	90
60) Dibromochloromethane	9.525	129	60618	47.705	ug/l	97
61) 1,2-Dibromoethane	9.610	107	68274	52.501	ug/l	100
64) Tetrachloroethene	9.275	164	53246	50.417	ug/l #	89
65) Chlorobenzene	10.080	112	172462	51.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58860	50.586	ug/l	97
67) Ethyl Benzene	10.195	91	317724	51.578	ug/l	100
68) m/p-Xylenes	10.305	106	238457	102.426	ug/l	97
69) o-Xylene	10.647	106	113732	50.229	ug/l	97
70) Styrene	10.659	104	196790	53.053	ug/l	99
71) Bromoform	10.805	173	37786	42.590	ug/l #	100
73) Isopropylbenzene	10.964	105	302791	48.866	ug/l	99
74) N-amyl acetate	10.848	43	156776	53.305	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	104153	50.712	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	95710m	52.992	ug/l	
77) Bromobenzene	11.201	156	63601	48.409	ug/l	85
78) n-propylbenzene	11.305	91	370801	51.090	ug/l	97
79) 2-Chlorotoluene	11.366	91	216706	49.229	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	257709	50.181	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	36380	47.725	ug/l	96
82) 4-Chlorotoluene	11.457	91	252401	49.768	ug/l	97
83) tert-Butylbenzene	11.719	119	239608	48.648	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	262592	50.799	ug/l	98
85) sec-Butylbenzene	11.896	105	311875	49.828	ug/l	98
86) p-Isopropyltoluene	12.012	119	263692	49.882	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	123571	48.782	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	124635	47.600	ug/l	95
89) n-Butylbenzene	12.335	91	256452	52.445	ug/l	97
90) Hexachloroethane	12.543	117	40619	46.493	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	119820	49.245	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22031	50.129	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	71983	49.028	ug/l	98
94) Hexachlorobutadiene	13.731	225	25748	44.931	ug/l	96
95) Naphthalene	13.780	128	291228	50.863	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72866	49.235	ug/l	97

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

