

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021049.D
 Acq On : 08 Mar 2021 10:51
 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
 3/9/2021 3:04:08 PM

Quant Time: Mar 09 01:02:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	230641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	379141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	346356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	170661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137655	44.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.38%		
35) Dibromofluoromethane	5.464	113	114647	49.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.54%		
50) Toluene-d8	8.694	98	453425	50.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.96%		
62) 4-Bromofluorobenzene	11.118	95	165648	49.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	110900	44.47	ug/l	100
3) Chloromethane	1.311	50	134222	48.44	ug/l	100
4) Vinyl Chloride	1.393	62	151868	47.61	ug/l	100
5) Bromomethane	1.622	94	54983	51.84	ug/l	94
6) Chloroethane	1.705	64	98211	49.21	ug/l	99
7) Trichlorofluoromethane	1.917	101	192038	47.69	ug/l	100
8) Diethyl Ether	2.170	74	87080	46.60	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	118590	47.80	ug/l	98
10) Methyl Iodide	2.487	142	156806	47.04	ug/l	97
11) Tert butyl alcohol	3.011	59	126351	182.13	ug/l	99
12) 1,1-Dichloroethene	2.352	96	119788	46.40	ug/l	98
13) Acrolein	2.270	56	102900	239.53	ug/l	100
14) Allyl chloride	2.705	41	190011	45.05	ug/l	99
15) Acrylonitrile	3.111	53	331394	223.87	ug/l	100
16) Acetone	2.417	43	277628	216.27	ug/l	99
17) Carbon Disulfide	2.552	76	327437	44.52	ug/l	99
18) Methyl Acetate	2.746	43	135387	44.59	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	425457	46.14	ug/l	100
20) Methylene Chloride	2.834	84	142712	46.34	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	132870	45.83	ug/l	99
22) Diisopropyl ether	3.817	45	396448	46.74	ug/l	98
23) Vinyl Acetate	3.782	43	1652436	227.82	ug/l	99
24) 1,1-Dichloroethane	3.664	63	239548	47.95	ug/l	99
25) 2-Butanone	4.629	43	422292	216.55	ug/l	100
26) 2,2-Dichloropropane	4.546	77	202912	44.73	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	153755	46.02	ug/l	99
28) Bromochloromethane	4.976	49	99589	46.60	ug/l	100
29) Tetrahydrofuran	5.082	42	267158	213.44	ug/l	100
30) Chloroform	5.170	83	238305	47.35	ug/l	99
31) Cyclohexane	5.547	56	208833	46.30	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	203842	46.50	ug/l	99
36) 1,1-Dichloropropene	5.764	75	183375	50.88	ug/l	99
37) Ethyl Acetate	4.788	43	162934	47.53	ug/l	99
38) Carbon Tetrachloride	5.752	117	173938	49.82	ug/l	99
39) Methylcyclohexane	7.435	83	229308	50.75	ug/l	98
40) Benzene	6.111	78	548252	50.76	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	91534	47.47	ug/l	99
42) 1,2-Dichloroethane	6.158	62	187735	52.27	ug/l	99
43) Isopropyl Acetate	6.405	43	276759	47.46	ug/l	99
44) Trichloroethene	7.182	130	152408	53.66	ug/l	96
45) 1,2-Dichloropropane	7.488	63	142784	52.74	ug/l	99
46) Dibromomethane	7.635	93	93512	51.30	ug/l	98
47) Bromodichloromethane	7.870	83	197376	51.99	ug/l	100
48) Methyl methacrylate	7.741	41	143730	49.13	ug/l	99
49) 1,4-Dioxane	7.711	88	57454	841.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.617	43	832777	245.26	ug/l	100
52) Toluene	8.765	92	356319	52.97	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	223625	52.52	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	245204	52.57	ug/l	96
55) 1,1,2-Trichloroethane	9.194	97	143628	54.03	ug/l	97
56) Ethyl methacrylate	9.159	69	218041	50.67	ug/l	99
57) 1,3-Dichloropropane	9.353	76	243324	53.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	551260	262.00	ug/l	98
59) 2-Hexanone	9.471	43	612853	240.56	ug/l	100
60) Dibromochloromethane	9.565	129	160709	57.29	ug/l	99
61) 1,2-Dibromoethane	9.653	107	149981	53.82	ug/l	97
64) Tetrachloroethene	9.318	164	143209	57.29	ug/l	94
65) Chlorobenzene	10.118	112	382391	52.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	140609	52.26	ug/l	98
67) Ethyl Benzene	10.235	91	688639	52.07	ug/l	100
68) m/p-Xylenes	10.341	106	522756	107.42	ug/l	96
69) o-Xylene	10.682	106	251916	53.04	ug/l	97
70) Styrene	10.694	104	438290	53.79	ug/l	98
71) Bromoform	10.835	173	113095	54.40	ug/l #	99
73) Isopropylbenzene	11.000	105	666764	49.47	ug/l	100
74) N-amyl acetate	10.882	43	238733	43.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	199792	45.98	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	173796m	47.34	ug/l	
77) Bromobenzene	11.235	156	159304	50.78	ug/l	98
78) n-propylbenzene	11.341	91	764831	49.75	ug/l	99
79) 2-Chlorotoluene	11.406	91	453453	48.68	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	542620	48.37	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.059	75	73775	44.49	ug/l	94
82) 4-Chlorotoluene	11.494	91	520834	48.51	ug/l	99
83) tert-Butylbenzene	11.753	119	515425	47.23	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	556830	48.91	ug/l	98
85) sec-Butylbenzene	11.930	105	636928	49.53	ug/l	99
86) p-Isopropyltoluene	12.047	119	580290	49.24	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	291103	51.85	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	288480	50.43	ug/l	98
89) n-Butylbenzene	12.371	91	514075	48.86	ug/l	99
90) Hexachloroethane	12.577	117	105874	47.05	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	280631	51.20	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.983	75	42518	42.73	ug/l	95
93) 1,2,4-Trichlorobenzene	13.630	180	181580	51.65	ug/l	98
94) Hexachlorobutadiene	13.765	225	71123	50.51	ug/l	98
95) Naphthalene	13.818	128	602960	48.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	179392	51.39	ug/l	98

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

