

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021022.D
 Acq On : 05 Mar 2021 10:25
 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
 3/8/2021 10:47:33 AM

Quant Time: Mar 05 23:54:31 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	5.629	168	230057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	395318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	354209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	162951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	150393	48.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.80%		
35) Dibromofluoromethane	5.458	113	123376	51.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.74%		
50) Toluene-d8	8.694	98	478283	51.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.14%		
62) 4-Bromofluorobenzene	11.118	95	170666	49.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	111980	45.02	ug/l	99
3) Chloromethane	1.311	50	133202	48.19	ug/l	99
4) Vinyl Chloride	1.393	62	152756	48.01	ug/l	98
5) Bromomethane	1.623	94	58153	55.39	ug/l	96
6) Chloroethane	1.705	64	99281	49.87	ug/l	100
7) Trichlorofluoromethane	1.917	101	197465	49.16	ug/l	99
8) Diethyl Ether	2.170	74	91128	48.89	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	119420	48.26	ug/l	98
10) Methyl Iodide	2.487	142	166036	49.94	ug/l	96
11) Tert butyl alcohol	3.011	59	133820	193.38	ug/l	99
12) 1,1-Dichloroethene	2.358	96	123317	47.89	ug/l	97
13) Acrolein	2.270	56	122666	286.27	ug/l	99
14) Allyl chloride	2.705	41	195881	46.55	ug/l	99
15) Acrylonitrile	3.111	53	361174	244.61	ug/l	100
16) Acetone	2.417	43	340965	266.29	ug/l	99
17) Carbon Disulfide	2.552	76	339082	46.22	ug/l	99
18) Methyl Acetate	2.746	43	144958	47.86	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	451155	49.05	ug/l	99
20) Methylene Chloride	2.834	84	144516	47.05	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	137065	47.39	ug/l	98
22) Diisopropyl ether	3.817	45	411195	48.60	ug/l	96
23) Vinyl Acetate	3.782	43	1764038	243.82	ug/l	98
24) 1,1-Dichloroethane	3.664	63	245462	49.26	ug/l	99
25) 2-Butanone	4.623	43	483978	248.81	ug/l	99
26) 2,2-Dichloropropane	4.546	77	211586	46.76	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	160550	48.18	ug/l	99
28) Bromochloromethane	4.976	49	108473	50.89	ug/l	100
29) Tetrahydrofuran	5.076	42	289481	231.86	ug/l	100
30) Chloroform	5.170	83	245897	48.98	ug/l	98
31) Cyclohexane	5.547	56	213285	47.40	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	211561	48.38	ug/l	99
36) 1,1-Dichloropropene	5.764	75	191106	50.86	ug/l	99
37) Ethyl Acetate	4.782	43	178238	49.86	ug/l	99
38) Carbon Tetrachloride	5.752	117	177510	48.76	ug/l	98
39) Methylcyclohexane	7.435	83	227353	48.26	ug/l	98
40) Benzene	6.111	78	569105	50.53	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	99650	49.56	ug/l	99
42) 1,2-Dichloroethane	6.158	62	199768	53.35	ug/l	99
43) Isopropyl Acetate	6.406	43	302047	49.68	ug/l	100
44) Trichloroethene	7.188	130	154270	52.10	ug/l	93
45) 1,2-Dichloropropane	7.488	63	148379	52.57	ug/l	98
46) Dibromomethane	7.635	93	100436	52.84	ug/l	98
47) Bromodichloromethane	7.870	83	205412	51.89	ug/l	99
48) Methyl methacrylate	7.741	41	153181	50.22	ug/l	98
49) 1,4-Dioxane	7.712	88	58360	819.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.618	43	871355	246.12	ug/l	99
52) Toluene	8.765	92	366709	52.28	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	239664	53.99	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	258617	53.18	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	150024	54.13	ug/l	97
56) Ethyl methacrylate	9.153	69	229375	51.13	ug/l	99
57) 1,3-Dichloropropane	9.347	76	255559	53.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	589996	268.94	ug/l	98
59) 2-Hexanone	9.471	43	651560	245.29	ug/l	100
60) Dibromochloromethane	9.565	129	160723	54.95	ug/l	98
61) 1,2-Dibromoethane	9.653	107	151731	52.22	ug/l	99
64) Tetrachloroethene	9.318	164	143321	56.06	ug/l	97
65) Chlorobenzene	10.118	112	389726	52.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	144340	52.46	ug/l	99
67) Ethyl Benzene	10.235	91	685355	50.67	ug/l	98
68) m/p-Xylenes	10.341	106	514281	103.34	ug/l	99
69) o-Xylene	10.683	106	251132	51.70	ug/l	97
70) Styrene	10.694	104	440111	52.81	ug/l	97
71) Bromoform	10.836	173	109629	51.57	ug/l #	98
73) Isopropylbenzene	11.000	105	654271	50.84	ug/l	100
74) N-amyl acetate	10.877	43	252848	48.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	198592	47.86	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	177405m	50.61	ug/l	
77) Bromobenzene	11.236	156	161436	53.90	ug/l	97
78) n-propylbenzene	11.341	91	748098	50.97	ug/l	100
79) 2-Chlorotoluene	11.400	91	435877	49.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	535917	50.04	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.059	75	75311	47.56	ug/l	94
82) 4-Chlorotoluene	11.494	91	510610	49.81	ug/l	100
83) tert-Butylbenzene	11.753	119	499548	47.94	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	547863	50.40	ug/l	100
85) sec-Butylbenzene	11.930	105	609661	49.65	ug/l	99
86) p-Isopropyltoluene	12.047	119	560918	49.84	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	287742	53.68	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	282102	51.65	ug/l	99
89) n-Butylbenzene	12.371	91	483499	48.13	ug/l	99
90) Hexachloroethane	12.577	117	99278	46.21	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	279334	53.38	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	45039	47.41	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	173680	51.74	ug/l	99
94) Hexachlorobutadiene	13.765	225	65039	48.38	ug/l	98
95) Naphthalene	13.818	128	579024	48.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	174414	52.33	ug/l	100

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

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