

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020673.D
 Acq On : 19 Jan 2021 20:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:34 PM

Quant Time: Jan 20 03:22:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	218284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	361472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	334934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	170265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	144948	48.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.14%		
35) Dibromofluoromethane	5.464	113	118940	47.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.52%		
50) Toluene-d8	8.695	98	436007	48.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.10%		
62) 4-Bromofluorobenzene	11.122	95	174932	51.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	167777	50.49	ug/l	99
3) Chloromethane	1.313	50	158054	52.63	ug/l	99
4) Vinyl Chloride	1.392	62	163855	53.07	ug/l	100
5) Bromomethane	1.623	94	52130	36.30	ug/l	100
6) Chloroethane	1.709	64	82849	44.81	ug/l	99
7) Trichlorofluoromethane	1.916	101	175627	39.37	ug/l	99
8) Diethyl Ether	2.166	74	67943	43.21	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.367	101	119532	49.56	ug/l	98
10) Methyl Iodide	2.489	142	159208	49.29	ug/l	97
11) Tert butyl alcohol	3.013	59	137619	260.03	ug/l	98
12) 1,1-Dichloroethene	2.355	96	118184	50.55	ug/l	95
13) Acrolein	2.270	56	93749	285.41	ug/l	99
14) Allyl chloride	2.703	41	188061	53.36	ug/l	97
15) Acrylonitrile	3.111	53	355544	271.00	ug/l	99
16) Acetone	2.416	43	278840	240.58	ug/l	99
17) Carbon Disulfide	2.550	76	330893	49.52	ug/l	99
18) Methyl Acetate	2.745	43	143027	54.32	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	412031	53.56	ug/l	100
20) Methylene Chloride	2.831	84	134661	47.86	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	129050	49.59	ug/l	99
22) Diisopropyl ether	3.818	45	383403	54.47	ug/l	94
23) Vinyl Acetate	3.782	43	1659511	276.35	ug/l	99
24) 1,1-Dichloroethane	3.666	63	235634	51.46	ug/l	99
25) 2-Butanone	4.629	43	455198	268.70	ug/l	99
26) 2,2-Dichloropropane	4.550	77	184623	47.40	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	146761	49.88	ug/l	100
28) Bromochloromethane	4.977	49	90857	47.51	ug/l	99
29) Tetrahydrofuran	5.086	42	296655	282.07	ug/l	99
30) Chloroform	5.172	83	237767	48.76	ug/l	97
31) Cyclohexane	5.550	56	206010	52.76	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	212364	49.51	ug/l	99
36) 1,1-Dichloropropene	5.769	75	181586	49.85	ug/l	99
37) Ethyl Acetate	4.788	43	176662	52.63	ug/l	99
38) Carbon Tetrachloride	5.751	117	184336	47.42	ug/l	97
39) Methylcyclohexane	7.440	83	208573	50.30	ug/l	99
40) Benzene	6.110	78	531253	49.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	94808	52.38	ug/l	98
42) 1,2-Dichloroethane	6.159	62	185497	46.31	ug/l	99
43) Isopropyl Acetate	6.409	43	265715	51.27	ug/l	99
44) Trichloroethene	7.183	130	138334	47.61	ug/l	99
45) 1,2-Dichloropropane	7.488	63	132539	49.40	ug/l	98
46) Dibromomethane	7.635	93	89059	45.83	ug/l	99
47) Bromodichloromethane	7.872	83	183386	46.99	ug/l	100
48) Methyl methacrylate	7.744	41	133137	51.84	ug/l	96
49) 1,4-Dioxane	7.714	88	59302	1012.87	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	861710	265.76	ug/l	99
52) Toluene	8.762	92	335823	51.18	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	204981	51.37	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	220541	50.13	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	130359	46.97	ug/l	99
56) Ethyl methacrylate	9.159	69	196858	48.37	ug/l	95
57) 1,3-Dichloropropane	9.354	76	228093	49.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	484855	244.36	ug/l	100
59) 2-Hexanone	9.470	43	633821	260.95	ug/l	98
60) Dibromochloromethane	9.561	129	141048	47.14	ug/l	99
61) 1,2-Dibromoethane	9.653	107	139128	48.71	ug/l	99
64) Tetrachloroethene	9.317	164	125620	47.09	ug/l	98
65) Chlorobenzene	10.122	112	354495	48.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	133414	48.96	ug/l	100
67) Ethyl Benzene	10.232	91	635550	51.71	ug/l	99
68) m/p-Xylenes	10.341	106	475549	104.12	ug/l	97
69) o-Xylene	10.683	106	230551	52.57	ug/l	98
70) Styrene	10.695	104	398404	49.49	ug/l	98
71) Bromoform	10.841	173	109779	51.72	ug/l #	99
73) Isopropylbenzene	11.000	105	627266	51.88	ug/l	99
74) N-amyl acetate	10.878	43	245570	51.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	207701	48.15	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	205317m	50.25	ug/l	
77) Bromobenzene	11.238	156	155587	50.30	ug/l	100
78) n-propylbenzene	11.341	91	715834	51.70	ug/l	100
79) 2-Chlorotoluene	11.402	91	439149	51.51	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	532734	52.70	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	71349	50.51	ug/l	97
82) 4-Chlorotoluene	11.494	91	509972	50.63	ug/l	98
83) tert-Butylbenzene	11.756	119	509422	51.87	ug/l	96
84) 1,2,4-Trimethylbenzene	11.792	105	546397	49.62	ug/l	98
85) sec-Butylbenzene	11.927	105	603268	53.05	ug/l	100
86) p-Isopropyltoluene	12.048	119	551352	48.18	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	278047	48.87	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	289998	50.35	ug/l	98
89) n-Butylbenzene	12.372	91	491172	48.23	ug/l	100
90) Hexachloroethane	12.579	117	92743	48.65	ug/l	96
91) 1,2-Dichlorobenzene	12.378	146	273933	49.37	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	47722	49.59	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	177374	45.72	ug/l	98
94) Hexachlorobutadiene	13.762	225	77082	45.68	ug/l	97
95) Naphthalene	13.816	128	617081	48.80	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	179481	51.14	ug/l	98

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

