

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020689.D
 Acq On : 20 Jan 2021 18:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:45 PM

Quant Time: Jan 21 00:35:50 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	5.623	168	226848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	371422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	336508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	143896	46.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.78%		
35) Dibromofluoromethane	5.464	113	120797	47.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.40%		
50) Toluene-d8	8.696	98	446014	48.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.68%		
62) 4-Bromofluorobenzene	11.122	95	167441	48.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.02%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	163303	47.34	ug/l	98
3) Chloromethane	1.313	50	152877	48.99	ug/l	99
4) Vinyl Chloride	1.392	62	163209	50.87	ug/l	100
5) Bromomethane	1.630	94	56899	38.12	ug/l	99
6) Chloroethane	1.709	64	84862	44.13	ug/l	97
7) Trichlorofluoromethane	1.916	101	191974	41.41	ug/l	100
8) Diethyl Ether	2.166	74	71392	43.69	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	121434	48.45	ug/l	99
10) Methyl Iodide	2.489	142	166428	49.58	ug/l	97
11) Tert butyl alcohol	3.044	59	131851	239.72	ug/l	99
12) 1,1-Dichloroethene	2.355	96	120223	49.48	ug/l	97
13) Acrolein	2.270	56	94265	277.13	ug/l	100
14) Allyl chloride	2.709	41	184121	50.27	ug/l	96
15) Acrylonitrile	3.111	53	350359	256.96	ug/l	100
16) Acetone	2.416	43	270079	224.22	ug/l	100
17) Carbon Disulfide	2.550	76	334175	48.12	ug/l	99
18) Methyl Acetate	2.745	43	141700	51.79	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	411383	51.46	ug/l	99
20) Methylene Chloride	2.831	84	136768	46.77	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	131633	48.67	ug/l	98
22) Diisopropyl ether	3.824	45	379956	51.95	ug/l	92
23) Vinyl Acetate	3.782	43	1624746	260.35	ug/l	100
24) 1,1-Dichloroethane	3.672	63	235690	49.53	ug/l	99
25) 2-Butanone	4.629	43	433601	246.29	ug/l	98
26) 2,2-Dichloropropane	4.550	77	194550	48.07	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	148524	48.57	ug/l	100
28) Bromochloromethane	4.983	49	89305	44.94	ug/l	97
29) Tetrahydrofuran	5.086	42	284251	260.08	ug/l	99
30) Chloroform	5.172	83	241649	47.68	ug/l	98
31) Cyclohexane	5.550	56	206168	50.81	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	214807	48.19	ug/l	99
36) 1,1-Dichloropropene	5.769	75	183322	48.98	ug/l	98
37) Ethyl Acetate	4.788	43	172154	49.91	ug/l	99
38) Carbon Tetrachloride	5.757	117	187319	46.89	ug/l	99
39) Methylcyclohexane	7.440	83	215217	50.52	ug/l	98
40) Benzene	6.111	78	535495	48.82	ug/l	100

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41) Methacrylonitrile	5.001	41	95208	51.20	ug/l	98
42) 1,2-Dichloroethane	6.159	62	189880	46.13	ug/l	99
43) Isopropyl Acetate	6.409	43	269376	50.58	ug/l	99
44) Trichloroethene	7.184	130	147439	49.39	ug/l	99
45) 1,2-Dichloropropane	7.488	63	138113	50.10	ug/l	97
46) Dibromomethane	7.635	93	94737	47.45	ug/l	99
47) Bromodichloromethane	7.873	83	190393	47.48	ug/l	99
48) Methyl methacrylate	7.745	41	135500	51.35	ug/l	96
49) 1,4-Dioxane	7.726	88	61971	1030.10	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	845461	253.76	ug/l	99
52) Toluene	8.763	92	339103	50.29	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	207718	50.66	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	227476	50.32	ug/l	93
55) 1,1,2-Trichloroethane	9.195	97	134960	47.32	ug/l	98
56) Ethyl methacrylate	9.159	69	202087	48.33	ug/l	97
57) 1,3-Dichloropropane	9.348	76	232722	49.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	501802	246.13	ug/l	99
59) 2-Hexanone	9.470	43	636403	254.99	ug/l	100
60) Dibromochloromethane	9.561	129	146259	47.57	ug/l	98
61) 1,2-Dibromoethane	9.653	107	146252	49.83	ug/l	99
64) Tetrachloroethene	9.317	164	132624	49.48	ug/l	93
65) Chlorobenzene	10.122	112	355565	48.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	135746	49.58	ug/l	99
67) Ethyl Benzene	10.232	91	638301	51.70	ug/l	99
68) m/p-Xylenes	10.342	106	477843	104.13	ug/l	97
69) o-Xylene	10.683	106	227143	51.55	ug/l	98
70) Styrene	10.695	104	390998	48.37	ug/l	99
71) Bromoform	10.842	173	107151	50.25	ug/l #	100
73) Isopropylbenzene	11.000	105	614479	53.42	ug/l	100
74) N-amyl acetate	10.878	43	221519	49.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	200339	48.82	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	194383m	50.01	ug/l	
77) Bromobenzene	11.238	156	152405	51.79	ug/l	97
78) n-propylbenzene	11.341	91	700480	53.18	ug/l	100
79) 2-Chlorotoluene	11.402	91	422040	52.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	521393	54.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	69024	51.36	ug/l	98
82) 4-Chlorotoluene	11.494	91	497942	51.97	ug/l	99
83) tert-Butylbenzene	11.756	119	494175	52.90	ug/l	96
84) 1,2,4-Trimethylbenzene	11.793	105	528567	50.45	ug/l	99
85) sec-Butylbenzene	11.927	105	581006	53.71	ug/l	99
86) p-Isopropyltoluene	12.049	119	540431	49.62	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	272704	50.38	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	273933	50.00	ug/l	98
89) n-Butylbenzene	12.372	91	461030	47.61	ug/l	99
90) Hexachloroethane	12.579	117	89189	49.18	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	265571	50.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	46969	51.31	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	185138	49.95	ug/l	96
94) Hexachlorobutadiene	13.768	225	74912	46.66	ug/l	99
95) Naphthalene	13.817	128	608421	50.50	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	184624	55.29	ug/l	99

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

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