

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020713.D
 Acq On : 22 Jan 2021 17:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/25/2021 2:05:04 PM

Quant Time: Jan 23 01:43:25 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	248422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	382381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	365591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	194432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	153918	45.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.64%		
35) Dibromofluoromethane	5.458	113	127751	48.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.98%		
50) Toluene-d8	8.695	98	477762	50.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.58%		
62) 4-Bromofluorobenzene	11.122	95	195997	54.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.18%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	169418	44.89	ug/l	99
3) Chloromethane	1.312	50	126019	36.87	ug/l	97
4) Vinyl Chloride	1.392	62	123075	35.03	ug/l	99
5) Bromomethane	1.623	94	47339	28.96	ug/l	100
6) Chloroethane	1.702	64	71711	33.44	ug/l	99
7) Trichlorofluoromethane	1.910	101	172904	34.05	ug/l	96
8) Diethyl Ether	2.166	74	64121	35.83	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.361	101	96480	35.15	ug/l	95
10) Methyl Iodide	2.489	142	160713	43.72	ug/l	98
11) Tert butyl alcohol	3.013	59	139566	231.71	ug/l	99
12) 1,1-Dichloroethene	2.349	96	93120	35.00	ug/l	95
13) Acrolein	2.269	56	53065	157.19	ug/l	98
14) Allyl chloride	2.702	41	186874	46.59	ug/l	94
15) Acrylonitrile	3.111	53	359533	240.79	ug/l	100
16) Acetone	2.416	43	205490	155.78	ug/l	92
17) Carbon Disulfide	2.544	76	321367	42.26	ug/l	100
18) Methyl Acetate	2.745	43	142879	47.68	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	413687	47.26	ug/l	99
20) Methylene Chloride	2.830	84	139440	43.55	ug/l	99
21) trans-1,2-Dichloroethene	3.135	96	130331	44.01	ug/l	97
22) Diisopropyl ether	3.818	45	386480	48.25	ug/l	98
23) Vinyl Acetate	3.781	43	1648669	241.24	ug/l	100
24) 1,1-Dichloroethane	3.666	63	235507	45.19	ug/l	99
25) 2-Butanone	4.629	43	461620	239.43	ug/l	99
26) 2,2-Dichloropropane	4.537	77	196849	44.41	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	148721	44.41	ug/l	99
28) Bromochloromethane	4.970	49	96942	44.55	ug/l	99
29) Tetrahydrofuran	5.080	42	294027	245.66	ug/l	98
30) Chloroform	5.171	83	241812	43.57	ug/l	97
31) Cyclohexane	5.543	56	209971	47.25	ug/l	98
32) 1,1,1-Trichloroethane	5.452	97	212643	43.56	ug/l	98
36) 1,1-Dichloropropene	5.757	75	183493	47.62	ug/l	97
37) Ethyl Acetate	4.787	43	172150	48.48	ug/l	100
38) Carbon Tetrachloride	5.744	117	191523	46.57	ug/l	98
39) Methylcyclohexane	7.433	83	222635	50.76	ug/l	98
40) Benzene	6.104	78	538398	47.68	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	95106	49.68	ug/l	98
42) 1,2-Dichloroethane	6.153	62	191530	45.20	ug/l	100
43) Isopropyl Acetate	6.403	43	273607	49.90	ug/l	99
44) Trichloroethene	7.183	130	146315	47.61	ug/l	96
45) 1,2-Dichloropropane	7.482	63	141016	49.68	ug/l	98
46) Dibromomethane	7.628	93	95090	46.26	ug/l	99
47) Bromodichloromethane	7.872	83	194791	47.18	ug/l	99
48) Methyl methacrylate	7.738	41	141540	52.10	ug/l	97
49) 1,4-Dioxane	7.708	88	69343	1119.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	894685	260.84	ug/l	99
52) Toluene	8.762	92	343911	49.55	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	214630	50.85	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	233128	50.10	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	140184	47.75	ug/l	99
56) Ethyl methacrylate	9.158	69	207516	48.21	ug/l	97
57) 1,3-Dichloropropane	9.347	76	244151	50.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	506525	241.33	ug/l	100
59) 2-Hexanone	9.469	43	691364	269.08	ug/l	100
60) Dibromochloromethane	9.561	129	155597	49.16	ug/l	99
61) 1,2-Dibromoethane	9.652	107	150954	49.96	ug/l	99
64) Tetrachloroethene	9.317	164	136455	46.86	ug/l	96
65) Chlorobenzene	10.116	112	376852	47.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	143335	48.19	ug/l	99
67) Ethyl Benzene	10.231	91	663994	49.50	ug/l	99
68) m/p-Xylenes	10.341	106	504304	101.16	ug/l	98
69) o-Xylene	10.683	106	241803	50.51	ug/l	100
70) Styrene	10.695	104	416487	47.45	ug/l	99
71) Bromoform	10.841	173	113536	49.00	ug/l #	98
73) Isopropylbenzene	11.000	105	654103	47.37	ug/l	100
74) N-amyl acetate	10.878	43	243550	45.06	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	219028	44.46	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	215354m	46.16	ug/l	
77) Bromobenzene	11.237	156	168599	47.73	ug/l	97
78) n-propylbenzene	11.341	91	762556	48.23	ug/l	100
79) 2-Chlorotoluene	11.402	91	458009	47.05	ug/l	99
80) 1,3,5-Trimethylbenzene	11.487	105	565641	49.00	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.054	75	75252	46.65	ug/l	98
82) 4-Chlorotoluene	11.493	91	543305	47.24	ug/l	99
83) tert-Butylbenzene	11.756	119	542864	48.41	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	581658	46.28	ug/l	99
85) sec-Butylbenzene	11.926	105	640094	49.29	ug/l	100
86) p-Isopropyltoluene	12.048	119	606241	46.43	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	300714	46.29	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	303001	46.07	ug/l	99
89) n-Butylbenzene	12.371	91	530363	45.68	ug/l	100
90) Hexachloroethane	12.579	117	100326	46.08	ug/l	99
91) 1,2-Dichlorobenzene	12.371	146	287380	45.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	47626	43.34	ug/l	93
93) 1,2,4-Trichlorobenzene	13.627	180	190166	43.06	ug/l	98
94) Hexachlorobutadiene	13.767	225	94737	49.16	ug/l	95
95) Naphthalene	13.816	128	628919	43.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.005	180	197416	49.26	ug/l	98

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

