

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021780.D
 Acq On : 21 Apr 2021 01:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:36:00 PM

Quant Time: Apr 21 11:30:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	173676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	274790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	132252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	101627	51.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.16%			
35) Dibromofluoromethane	5.464	113	92811	48.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.48%			
50) Toluene-d8	8.696	98	349449	47.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.46%			
62) 4-Bromofluorobenzene	11.116	95	128600	47.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.08%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	91600	54.81	ug/l	99
3) Chloromethane	1.313	50	109879	50.02	ug/l	100
4) Vinyl Chloride	1.392	62	108918	54.57	ug/l	99
5) Bromomethane	1.624	94	47247	54.15	ug/l	100
6) Chloroethane	1.703	64	67551	53.68	ug/l	100
7) Trichlorofluoromethane	1.910	101	150354	56.23	ug/l	100
8) Diethyl Ether	2.166	74	61410	55.73	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	85261	53.18	ug/l	96
10) Methyl Iodide	2.489	142	87276	66.76	ug/l	99
11) Tert butyl alcohol	3.020	59	108162	250.70	ug/l	97
12) 1,1-Dichloroethene	2.355	96	90108	56.19	ug/l	93
13) Acrolein	2.270	56	85356	244.57	ug/l	99
14) Allyl chloride	2.703	41	136848	53.09	ug/l	96
15) Acrylonitrile	3.117	53	248587	284.70	ug/l	99
16) Acetone	2.422	43	190674	281.50	ug/l	100
17) Carbon Disulfide	2.550	76	243525	53.28	ug/l	100
18) Methyl Acetate	2.752	43	104877	57.06	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	309757	56.04	ug/l	100
20) Methylene Chloride	2.831	84	103497	50.97	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	98885	53.71	ug/l	93
22) Diisopropyl ether	3.824	45	284641	55.05	ug/l	96
23) Vinyl Acetate	3.782	43	1243552	277.87	ug/l	99
24) 1,1-Dichloroethane	3.666	63	169772	55.33	ug/l	98
25) 2-Butanone	4.635	43	325232	283.56	ug/l	99
26) 2,2-Dichloropropane	4.550	77	119019	40.11	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	115761	55.34	ug/l	91
28) Bromochloromethane	4.983	49	66706	52.38	ug/l	86
29) Tetrahydrofuran	5.086	42	209856	281.20	ug/l	99
30) Chloroform	5.178	83	181443	54.61	ug/l	98
31) Cyclohexane	5.544	56	146741	52.96	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	162995	55.20	ug/l	97
36) 1,1-Dichloropropene	5.769	75	133389	50.75	ug/l	98
37) Ethyl Acetate	4.794	43	129430	52.39	ug/l	99
38) Carbon Tetrachloride	5.751	117	146474	50.90	ug/l	99
39) Methylcyclohexane	7.440	83	163875	48.13	ug/l	97
40) Benzene	6.111	78	407578	51.99	ug/l	100

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41) Methacrylonitrile	5.001	41	70578	50.77	ug/l	99
42) 1,2-Dichloroethane	6.159	62	131770	51.78	ug/l	98
43) Isopropyl Acetate	6.409	43	222664	51.46	ug/l	99
44) Trichloroethene	7.184	130	117339	51.29	ug/l	95
45) 1,2-Dichloropropane	7.488	63	103627	50.37	ug/l	99
46) Dibromomethane	7.635	93	74476	51.63	ug/l	98
47) Bromodichloromethane	7.873	83	149810	50.94	ug/l	100
48) Methyl methacrylate	7.745	41	108823	51.66	ug/l	98
49) 1,4-Dioxane	7.714	88	46705	942.92	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	655760	264.71	ug/l	99
52) Toluene	8.763	92	265212	52.14	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	161176	48.78	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	171902	49.25	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	108409	51.90	ug/l	99
56) Ethyl methacrylate	9.159	69	165167	52.24	ug/l	99
57) 1,3-Dichloropropane	9.348	76	174777	52.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	412149	266.68	ug/l	97
59) 2-Hexanone	9.470	43	489103	263.40	ug/l	99
60) Dibromochloromethane	9.561	129	128573	50.71	ug/l	99
61) 1,2-Dibromoethane	9.653	107	117312	51.67	ug/l	99
64) Tetrachloroethene	9.317	164	105110	48.92	ug/l	98
65) Chlorobenzene	10.122	112	290110	51.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	112420	51.22	ug/l	98
67) Ethyl Benzene	10.232	91	507509	51.68	ug/l	99
68) m/p-Xylenes	10.342	106	389360	102.47	ug/l	97
69) o-Xylene	10.683	106	188446	51.44	ug/l	97
70) Styrene	10.695	104	320183	51.53	ug/l	97
71) Bromoform	10.842	173	98325	49.47	ug/l #	99
73) Isopropylbenzene	11.000	105	499430	53.82	ug/l	99
74) N-amyl acetate	10.878	43	194691	54.60	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	157305	55.75	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	128726m	49.08	ug/l	
77) Bromobenzene	11.238	156	127300	51.99	ug/l	93
78) n-propylbenzene	11.341	91	555159	54.10	ug/l	99
79) 2-Chlorotoluene	11.402	91	332274	55.02	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	420652	53.53	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	53813	47.18	ug/l	89
82) 4-Chlorotoluene	11.494	91	378961	54.12	ug/l	98
83) tert-Butylbenzene	11.750	119	420400	53.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.786	105	421564	53.12	ug/l	98
85) sec-Butylbenzene	11.927	105	475511	52.87	ug/l	99
86) p-Isopropyltoluene	12.049	119	438050	51.28	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	220113	52.05	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	218907	51.18	ug/l	100
89) n-Butylbenzene	12.372	91	360291	49.98	ug/l	98
90) Hexachloroethane	12.579	117	83435	53.55	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	216238	52.94	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	34631	54.86	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	141254	47.96	ug/l	99
94) Hexachlorobutadiene	13.762	225	59374	40.98	ug/l	100
95) Naphthalene	13.817	128	488175	54.76	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	141072	49.90	ug/l	99

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

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