

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021836.D
 Acq On : 23 Apr 2021 12:07
 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
 4/26/2021 4:53:50 PM

Quant Time: Apr 26 04:01:36 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	185228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	292511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	269500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	99574	47.39	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.78%
35) Dibromofluoromethane	5.458	113	94300	50.41	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.82%
50) Toluene-d8	8.689	98	348937	48.51	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.02%
62) 4-Bromofluorobenzene	11.116	95	132213	49.22	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	94763	53.16	ug/l	99
3) Chloromethane	1.313	50	119341	50.93	ug/l	99
4) Vinyl Chloride	1.392	62	107700	50.59	ug/l	100
5) Bromomethane	1.624	94	58805	63.20	ug/l	99
6) Chloroethane	1.709	64	65939	49.13	ug/l	100
7) Trichlorofluoromethane	1.916	101	159977	56.10	ug/l	98
8) Diethyl Ether	2.166	74	62237	52.95	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	95932	56.11	ug/l	95
10) Methyl Iodide	2.489	142	68217	51.10	ug/l	100
11) Tert butyl alcohol	3.007	59	96121	208.89	ug/l	99
12) 1,1-Dichloroethene	2.355	96	95905	56.08	ug/l	91
13) Acrolein	2.270	56	129298	347.37	ug/l	99
14) Allyl chloride	2.703	41	143782	52.31	ug/l	96
15) Acrylonitrile	3.111	53	242227	260.12	ug/l	99
16) Acetone	2.416	43	162880	225.47	ug/l	99
17) Carbon Disulfide	2.550	76	256009	52.51	ug/l	98
18) Methyl Acetate	2.745	43	104776	53.45	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	318767	54.07	ug/l	100
20) Methylene Chloride	2.831	84	105650	48.78	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	105612	53.78	ug/l	92
22) Diisopropyl ether	3.818	45	292005	52.96	ug/l	97
23) Vinyl Acetate	3.782	43	1263475	264.71	ug/l	100
24) 1,1-Dichloroethane	3.666	63	175580	53.66	ug/l	99
25) 2-Butanone	4.629	43	306330	250.42	ug/l	100
26) 2,2-Dichloropropane	4.544	77	163465	51.65	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	123189	55.21	ug/l	93
28) Bromochloromethane	4.977	49	74279	54.69	ug/l	85
29) Tetrahydrofuran	5.080	42	203826	256.09	ug/l	99
30) Chloroform	5.172	83	188035	53.06	ug/l	99
31) Cyclohexane	5.544	56	157999	53.46	ug/l	95
32) 1,1,1-Trichloroethane	5.458	97	168903	53.64	ug/l	96
36) 1,1-Dichloropropene	5.763	75	143079	55.41	ug/l	98
37) Ethyl Acetate	4.788	43	126211	52.00	ug/l	100
38) Carbon Tetrachloride	5.745	117	154826	54.76	ug/l	98
39) Methylcyclohexane	7.434	83	185125	55.34	ug/l	97
40) Benzene	6.104	78	426690	55.40	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	70722	51.78	ug/l	99
42) 1,2-Dichloroethane	6.153	62	135992	54.40	ug/l	97
43) Isopropyl Acetate	6.403	43	218875	51.49	ug/l	99
44) Trichloroethene	7.184	130	126149	56.13	ug/l	99
45) 1,2-Dichloropropane	7.482	63	108545	53.70	ug/l	98
46) Dibromomethane	7.635	93	76382	53.90	ug/l	96
47) Bromodichloromethane	7.872	83	155765	53.91	ug/l	98
48) Methyl methacrylate	7.738	41	107593	51.99	ug/l	97
49) 1,4-Dioxane	7.708	88	42248	868.21	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	637212	261.82	ug/l	99
52) Toluene	8.763	92	278558	55.75	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	174237	53.68	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	188200	54.88	ug/l	95
55) 1,1,2-Trichloroethane	9.189	97	111894	54.53	ug/l	99
56) Ethyl methacrylate	9.153	69	167132	53.81	ug/l	98
57) 1,3-Dichloropropane	9.348	76	180087	54.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	471491	310.54	ug/l	97
59) 2-Hexanone	9.470	43	475519	260.67	ug/l	99
60) Dibromochloromethane	9.561	129	134722	54.09	ug/l	100
61) 1,2-Dibromoethane	9.653	107	122896	55.10	ug/l	100
64) Tetrachloroethene	9.317	164	110411	52.40	ug/l	98
65) Chlorobenzene	10.116	112	312585	56.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	118662	55.13	ug/l	99
67) Ethyl Benzene	10.232	91	540878	56.16	ug/l	99
68) m/p-Xylenes	10.342	106	414149	111.14	ug/l	97
69) o-Xylene	10.677	106	196761	54.76	ug/l	98
70) Styrene	10.695	104	344697	56.57	ug/l	97
71) Bromoform	10.835	173	101472	52.05	ug/l #	99
73) Isopropylbenzene	11.000	105	536907	55.79	ug/l	99
74) N-amyl acetate	10.878	43	194274	52.53	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	163169	55.76	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	130841m	48.10	ug/l	
77) Bromobenzene	11.238	156	137252	54.05	ug/l	92
78) n-propylbenzene	11.341	91	617251	57.99	ug/l	98
79) 2-Chlorotoluene	11.402	91	357734	57.11	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	457097	56.08	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	59139	50.00	ug/l #	79
82) 4-Chlorotoluene	11.494	91	417694	57.52	ug/l	96
83) tert-Butylbenzene	11.750	119	460084	56.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	460083	55.89	ug/l	99
85) sec-Butylbenzene	11.927	105	536188	57.48	ug/l	99
86) p-Isopropyltoluene	12.049	119	506043	57.12	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	249088	56.79	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	249433	56.23	ug/l	99
89) n-Butylbenzene	12.372	91	448163	59.94	ug/l	98
90) Hexachloroethane	12.579	117	90228	55.84	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	238093	56.20	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33801	51.63	ug/l	89
93) 1,2,4-Trichlorobenzene	13.628	180	174717	57.19	ug/l	99
94) Hexachlorobutadiene	13.762	225	78177	52.03	ug/l	100
95) Naphthalene	13.817	128	536466	58.02	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	169591	57.84	ug/l	99

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

