

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021758.D
 Acq On : 20 Apr 2021 16:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:47 PM

Quant Time: Apr 21 11:19:28 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	162483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	265909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	246874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	87754	47.61	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.22%		
35) Dibromofluoromethane	5.464	113	78004	45.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.74%		
50) Toluene-d8	8.696	98	305007	46.65	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.30%		
62) 4-Bromofluorobenzene	11.116	95	114315	46.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	90633	57.97	ug/l	98
3) Chloromethane	1.313	50	108968	53.00	ug/l	98
4) Vinyl Chloride	1.392	62	107273	57.45	ug/l	99
5) Bromomethane	1.618	94	43353	53.11	ug/l	97
6) Chloroethane	1.697	64	65521	55.65	ug/l	99
7) Trichlorofluoromethane	1.904	101	144056	57.59	ug/l	100
8) Diethyl Ether	2.166	74	58401	56.65	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.355	101	86329	57.56	ug/l	98
10) Methyl Iodide	2.483	142	81768	66.85	ug/l	99
11) Tert butyl alcohol	3.020	59	111341	275.84	ug/l	100
12) 1,1-Dichloroethene	2.349	96	84253	56.16	ug/l	98
13) Acrolein	2.270	56	95754	293.26	ug/l	97
14) Allyl chloride	2.703	41	137048	56.83	ug/l	97
15) Acrylonitrile	3.111	53	236571	289.60	ug/l	100
16) Acetone	2.422	43	174588	275.50	ug/l	100
17) Carbon Disulfide	2.544	76	240775	56.30	ug/l	99
18) Methyl Acetate	2.745	43	99321	57.76	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	289108	55.90	ug/l	99
20) Methylene Chloride	2.831	84	97635	51.39	ug/l	96
21) trans-1,2-Dichloroethene	3.136	96	94337	54.76	ug/l	96
22) Diisopropyl ether	3.824	45	271232	56.07	ug/l	93
23) Vinyl Acetate	3.782	43	1201060	286.86	ug/l	98
24) 1,1-Dichloroethane	3.666	63	162253	56.52	ug/l	99
25) 2-Butanone	4.629	43	308041	287.07	ug/l	99
26) 2,2-Dichloropropane	4.544	77	152575	54.96	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	109472	55.93	ug/l	95
28) Bromochloromethane	4.977	49	57491	48.26	ug/l	91
29) Tetrahydrofuran	5.086	42	198024	283.62	ug/l	99
30) Chloroform	5.172	83	169529	54.54	ug/l	98
31) Cyclohexane	5.544	56	143966	55.54	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	151663	54.90	ug/l	97
36) 1,1-Dichloropropene	5.763	75	129869	55.33	ug/l	99
37) Ethyl Acetate	4.788	43	121610	55.12	ug/l	99
38) Carbon Tetrachloride	5.751	117	139998	54.47	ug/l	100
39) Methylcyclohexane	7.434	83	169504	55.74	ug/l	97
40) Benzene	6.105	78	385130	55.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	66357	53.45	ug/l	99
42) 1,2-Dichloroethane	6.159	62	125178	55.08	ug/l	99
43) Isopropyl Acetate	6.409	43	211690	54.78	ug/l	99
44) Trichloroethene	7.184	130	110399	54.03	ug/l	93
45) 1,2-Dichloropropane	7.488	63	99770	54.30	ug/l	97
46) Dibromomethane	7.635	93	69699	54.11	ug/l	96
47) Bromodichloromethane	7.873	83	142683	54.32	ug/l	99
48) Methyl methacrylate	7.744	41	104327	55.46	ug/l	98
49) 1,4-Dioxane	7.708	88	51104	1155.27	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	621696	281.00	ug/l	98
52) Toluene	8.763	92	252975	55.69	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	162878	55.20	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	174497	55.98	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	101309	54.31	ug/l	99
56) Ethyl methacrylate	9.159	69	156491	55.42	ug/l	99
57) 1,3-Dichloropropane	9.348	76	168265	56.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	439477	318.41	ug/l	98
59) 2-Hexanone	9.470	43	474706	286.26	ug/l	98
60) Dibromochloromethane	9.561	129	124728	55.09	ug/l	100
61) 1,2-Dibromoethane	9.653	107	110100	54.31	ug/l	100
64) Tetrachloroethene	9.317	164	102025	52.85	ug/l	97
65) Chlorobenzene	10.116	112	278278	54.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	106474	54.00	ug/l	98
67) Ethyl Benzene	10.232	91	487416	55.24	ug/l	97
68) m/p-Xylenes	10.342	106	383329	112.29	ug/l	94
69) o-Xylene	10.683	106	186139	56.55	ug/l	94
70) Styrene	10.695	104	313528	56.17	ug/l	98
71) Bromoform	10.835	173	95393	53.42	ug/l #	98
73) Isopropylbenzene	11.000	105	495094	58.45	ug/l	99
74) N-amyl acetate	10.878	43	187675	57.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	151836	58.96	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	125358m	52.37	ug/l	
77) Bromobenzene	11.238	156	124762	55.82	ug/l	92
78) n-propylbenzene	11.341	91	555696	59.32	ug/l	98
79) 2-Chlorotoluene	11.402	91	324671	58.90	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	423830	59.08	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	59483	57.14	ug/l #	79
82) 4-Chlorotoluene	11.494	91	382331	59.82	ug/l	98
83) tert-Butylbenzene	11.750	119	418591	58.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	423673	58.48	ug/l	99
85) sec-Butylbenzene	11.927	105	490790	59.78	ug/l	100
86) p-Isopropyltoluene	12.049	119	460251	59.03	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	223992	58.02	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	223815	57.33	ug/l	100
89) n-Butylbenzene	12.372	91	388811	59.09	ug/l	98
90) Hexachloroethane	12.579	117	82520	58.03	ug/l	95
91) 1,2-Dichlorobenzene	12.372	146	214888	57.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33380	57.93	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	148028	55.06	ug/l	99
94) Hexachlorobutadiene	13.762	225	72471	54.81	ug/l	99
95) Naphthalene	13.817	128	473242	58.15	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	145830	56.51	ug/l	99

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

