

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021319.D
 Acq On : 19 Mar 2021 21:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:06 AM

Quant Time: Mar 20 06:38:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	76617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66082	52.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.18%			
35) Dibromofluoromethane	5.458	113	46410	53.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.02%			
50) Toluene-d8	8.694	98	164748	51.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.74%			
62) 4-Bromofluorobenzene	11.118	95	64722	52.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.94%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	45828	50.07	ug/l	97
3) Chloromethane	1.311	50	54670	41.11	ug/l	99
4) Vinyl Chloride	1.393	62	45909	49.25	ug/l	100
5) Bromomethane	1.622	94	20524	50.41	ug/l	96
6) Chloroethane	1.705	64	28933	50.79	ug/l	99
7) Trichlorofluoromethane	1.911	101	74314	52.88	ug/l	100
8) Diethyl Ether	2.170	74	25463	51.49	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	40952	51.14	ug/l	96
10) Methyl Iodide	2.487	142	26766	38.30	ug/l #	88
11) Tert butyl alcohol	3.017	59	53567	253.73	ug/l	96
12) 1,1-Dichloroethene	2.352	96	39520	50.60	ug/l	86
13) Acrolein	2.275	56	36173	286.25	ug/l	99
14) Allyl chloride	2.705	41	79690	49.50	ug/l	87
15) Acrylonitrile	3.117	53	128636	262.06	ug/l	97
16) Acetone	2.423	43	121135	261.98	ug/l	90
17) Carbon Disulfide	2.546	76	108841	47.90	ug/l	99
18) Methyl Acetate	2.746	43	64722	51.08	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	155802	53.15	ug/l	99
20) Methylene Chloride	2.834	84	46613	49.02	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	43717	50.14	ug/l	86
22) Diisopropyl ether	3.823	45	165218	53.42	ug/l #	92
23) Vinyl Acetate	3.782	43	724828	268.64	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	86538	51.82	ug/l	97
25) 2-Butanone	4.635	43	189901	267.08	ug/l	91
26) 2,2-Dichloropropane	4.546	77	63691	43.71	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	51263	51.16	ug/l	91
28) Bromochloromethane	4.982	49	40837	51.90	ug/l	85
29) Tetrahydrofuran	5.088	42	123043	262.02	ug/l	86
30) Chloroform	5.176	83	91798	52.79	ug/l	98
31) Cyclohexane	5.546	56	75778	49.88	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	82161	53.33	ug/l	95
36) 1,1-Dichloropropene	5.770	75	65537	50.56	ug/l	96
37) Ethyl Acetate	4.793	43	74090	49.32	ug/l #	93
38) Carbon Tetrachloride	5.752	117	70912	52.68	ug/l	97
39) Methylcyclohexane	7.441	83	73325	50.95	ug/l	94
40) Benzene	6.111	78	187965	52.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	41763	48.45	ug/l	90
42) 1,2-Dichloroethane	6.158	62	80923	52.51	ug/l	93
43) Isopropyl Acetate	6.411	43	123978	50.33	ug/l #	91
44) Trichloroethene	7.188	130	48763	51.39	ug/l	89
45) 1,2-Dichloropropane	7.488	63	50470	52.58	ug/l	99
46) Dibromomethane	7.635	93	36670	52.21	ug/l	91
47) Bromodichloromethane	7.876	83	75428	53.55	ug/l	98
48) Methyl methacrylate	7.747	41	66406	50.83	ug/l #	81
49) 1,4-Dioxane	7.711	88	23636	1062.86	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	380828	265.72	ug/l	88
52) Toluene	8.765	92	116377	52.68	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	75140	50.29	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	80458	50.42	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	48694	53.88	ug/l	99
56) Ethyl methacrylate	9.159	69	76848	52.88	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	83469	53.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	200526	252.48	ug/l	95
59) 2-Hexanone	9.471	43	286005	266.63	ug/l	85
60) Dibromochloromethane	9.565	129	55557	53.98	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51311	51.80	ug/l	100
64) Tetrachloroethene	9.318	164	42028	47.32	ug/l	93
65) Chlorobenzene	10.124	112	124028	50.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	48938	53.95	ug/l	99
67) Ethyl Benzene	10.235	91	231325	51.16	ug/l	99
68) m/p-Xylenes	10.341	106	167781	103.86	ug/l	93
69) o-Xylene	10.682	106	81171	51.71	ug/l	94
70) Styrene	10.694	104	138481	52.57	ug/l	96
71) Bromoform	10.841	173	39117	53.34	ug/l #	100
73) Isopropylbenzene	11.000	105	222433	50.58	ug/l	99
74) N-amyl acetate	10.882	43	108564	48.67	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	74865	51.29	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	72674m	52.92	ug/l	
77) Bromobenzene	11.235	156	53543	51.32	ug/l	95
78) n-propylbenzene	11.341	91	257896	50.15	ug/l	98
79) 2-Chlorotoluene	11.406	91	154294	49.41	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	187253	50.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	22303	44.10	ug/l #	84
82) 4-Chlorotoluene	11.494	91	182967	49.76	ug/l	97
83) tert-Butylbenzene	11.753	119	179817	50.77	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	192753	50.95	ug/l	98
85) sec-Butylbenzene	11.930	105	211470	50.65	ug/l	98
86) p-Isopropyltoluene	12.047	119	195242	51.04	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	94649	49.74	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	97843	50.28	ug/l	99
89) n-Butylbenzene	12.371	91	177876	51.02	ug/l	96
90) Hexachloroethane	12.577	117	34688	59.54	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	96371	51.93	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18459	49.31	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	61224	50.19	ug/l	99
94) Hexachlorobutadiene	13.765	225	24853	48.55	ug/l	96
95) Naphthalene	13.812	128	208105	49.56	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	60773	50.02	ug/l	98

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

