

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX021002.D
 Acq On : 03 Mar 2021 17:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:16:12 PM

Quant Time: Mar 04 01:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	230351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	384348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	346156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	154346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	149062	47.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.82%		
35) Dibromofluoromethane	5.464	113	122860	52.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.22%		
50) Toluene-d8	8.694	98	475666	52.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.48%		
62) 4-Bromofluorobenzene	11.118	95	163289	48.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	113988	45.77	ug/l	100
3) Chloromethane	1.311	50	137859	49.81	ug/l	99
4) Vinyl Chloride	1.393	62	155687	48.87	ug/l	100
5) Bromomethane	1.629	94	63114	60.63	ug/l	97
6) Chloroethane	1.711	64	100636	50.48	ug/l	99
7) Trichlorofluoromethane	1.917	101	200349	49.81	ug/l	97
8) Diethyl Ether	2.170	74	89956	48.20	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	120613	48.68	ug/l	96
10) Methyl Iodide	2.487	142	153126	46.00	ug/l	98
11) Tert butyl alcohol	3.017	59	127856	184.53	ug/l	98
12) 1,1-Dichloroethene	2.358	96	123104	47.75	ug/l	98
13) Acrolein	2.270	56	100394	234.00	ug/l	99
14) Allyl chloride	2.705	41	193523	45.94	ug/l	98
15) Acrylonitrile	3.111	53	337022	227.96	ug/l	99
16) Acetone	2.417	43	272290	212.38	ug/l	97
17) Carbon Disulfide	2.552	76	339320	46.19	ug/l	99
18) Methyl Acetate	2.746	43	137625	45.38	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	433654	47.09	ug/l	99
20) Methylene Chloride	2.835	84	142228	46.24	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	136744	47.22	ug/l	99
22) Diisopropyl ether	3.823	45	407030	48.05	ug/l	93
23) Vinyl Acetate	3.782	43	1710622	236.14	ug/l	99
24) 1,1-Dichloroethane	3.664	63	246753	49.45	ug/l	99
25) 2-Butanone	4.629	43	422630	217.00	ug/l	99
26) 2,2-Dichloropropane	4.547	77	204282	45.08	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	159243	47.73	ug/l	100
28) Bromochloromethane	4.976	49	105122	49.25	ug/l	99
29) Tetrahydrofuran	5.082	42	274253	219.38	ug/l	99
30) Chloroform	5.170	83	245970	48.93	ug/l	98
31) Cyclohexane	5.547	56	217029	48.17	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	209713	47.90	ug/l	99
36) 1,1-Dichloropropene	5.764	75	190512	52.15	ug/l	99
37) Ethyl Acetate	4.788	43	169076	48.65	ug/l	100
38) Carbon Tetrachloride	5.747	117	177858	50.25	ug/l	95
39) Methylcyclohexane	7.435	83	237940	51.94	ug/l	98
40) Benzene	6.111	78	566735	51.76	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	96076	49.15	ug/l	100
42) 1,2-Dichloroethane	6.159	62	196343	53.93	ug/l	100
43) Isopropyl Acetate	6.406	43	282741	47.83	ug/l	100
44) Trichloroethene	7.182	130	155691	54.08	ug/l	99
45) 1,2-Dichloropropane	7.488	63	146412	53.35	ug/l	98
46) Dibromomethane	7.635	93	96317	52.12	ug/l	97
47) Bromodichloromethane	7.871	83	200138	52.00	ug/l	100
48) Methyl methacrylate	7.741	41	145921	49.20	ug/l	98
49) 1,4-Dioxane	7.718	88	63255	913.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	817993	237.64	ug/l	100
52) Toluene	8.765	92	366419	53.73	ug/l	95
53) t-1,3-Dichloropropene	9.018	75	220768	51.15	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	245883	52.00	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	141982	52.69	ug/l	98
56) Ethyl methacrylate	9.159	69	211049	48.38	ug/l	100
57) 1,3-Dichloropropane	9.353	76	246776	53.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	553077	259.31	ug/l	100
59) 2-Hexanone	9.471	43	587419	227.45	ug/l	100
60) Dibromochloromethane	9.565	129	152550	53.65	ug/l	100
61) 1,2-Dibromoethane	9.653	107	149649	52.97	ug/l	96
64) Tetrachloroethene	9.318	164	143719	57.53	ug/l	96
65) Chlorobenzene	10.118	112	374935	51.45	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	134913	50.18	ug/l	96
67) Ethyl Benzene	10.236	91	669760	50.67	ug/l	97
68) m/p-Xylenes	10.341	106	505953	104.03	ug/l	97
69) o-Xylene	10.683	106	242092	51.00	ug/l	96
70) Styrene	10.694	104	404177	49.63	ug/l	99
71) Bromoform	10.841	173	99410	47.85	ug/l #	96
73) Isopropylbenzene	11.000	105	653133	53.58	ug/l	100
74) N-amyl acetate	10.883	43	225360	45.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	185393	47.17	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	162089m	48.82	ug/l	
77) Bromobenzene	11.236	156	152503	53.75	ug/l	97
78) n-propylbenzene	11.342	91	719872	51.78	ug/l	99
79) 2-Chlorotoluene	11.406	91	421729	50.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	524802	51.73	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	65964	43.98	ug/l	96
82) 4-Chlorotoluene	11.495	91	496634	51.15	ug/l	99
83) tert-Butylbenzene	11.753	119	495818	50.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	529454	51.42	ug/l	98
85) sec-Butylbenzene	11.930	105	607616	52.25	ug/l	100
86) p-Isopropyltoluene	12.048	119	553471	51.92	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	270463	53.27	ug/l	100
88) 1,4-Dichlorobenzene	12.083	146	259554	50.17	ug/l	97
89) n-Butylbenzene	12.371	91	486773	51.15	ug/l	100
90) Hexachloroethane	12.583	117	98433	48.37	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	259254	52.30	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	42461	47.19	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	182418	57.37	ug/l	94
94) Hexachlorobutadiene	13.765	225	66592	52.29	ug/l	99
95) Naphthalene	13.818	128	593937	52.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	174422	55.25	ug/l	100

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

