

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021234.D
 Acq On : 16 Mar 2021 05:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:46:26 AM

Quant Time: Mar 16 06:06:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	73069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	60391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62896	50.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.96%			
35) Dibromofluoromethane	5.470	113	43067	49.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.40%			
50) Toluene-d8	8.694	98	158632	50.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.92%			
62) 4-Bromofluorobenzene	11.118	95	63148	53.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.46%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	47814	50.99	ug/l	99
3) Chloromethane	1.311	50	69593	73.28	ug/l	99
4) Vinyl Chloride	1.393	62	48115	51.57	ug/l	98
5) Bromomethane	1.623	94	19764	36.77	ug/l	97
6) Chloroethane	1.705	64	29816	53.86	ug/l	100
7) Trichlorofluoromethane	1.911	101	71217	49.08	ug/l	100
8) Diethyl Ether	2.170	74	25180	51.12	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	39199	49.50	ug/l	97
10) Methyl Iodide	2.487	142	34026	32.05	ug/l #	87
11) Tert butyl alcohol	3.017	59	57229	263.69	ug/l	97
12) 1,1-Dichloroethene	2.352	96	39421	50.13	ug/l	87
13) Acrolein	2.276	56	33981	254.78	ug/l	99
14) Allyl chloride	2.705	41	80439	46.86	ug/l #	87
15) Acrylonitrile	3.117	53	133728	279.41	ug/l	97
16) Acetone	2.423	43	129278	258.13	ug/l	88
17) Carbon Disulfide	2.552	76	112087	48.18	ug/l	98
18) Methyl Acetate	2.752	43	65326	53.86	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	152856	51.11	ug/l	97
20) Methylene Chloride	2.834	84	47290	50.01	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	43468	50.32	ug/l	93
22) Diisopropyl ether	3.823	45	161558	51.48	ug/l #	88
23) Vinyl Acetate	3.782	43	738762	269.23	ug/l #	91
24) 1,1-Dichloroethane	3.670	63	86257	51.00	ug/l	97
25) 2-Butanone	4.635	43	196445	272.64	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	57549	37.41	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	50532	51.15	ug/l	91
28) Bromochloromethane	4.976	49	39406	46.66	ug/l	82
29) Tetrahydrofuran	5.088	42	126121	271.38	ug/l	86
30) Chloroform	5.176	83	90323	51.27	ug/l	99
31) Cyclohexane	5.547	56	74206	47.08	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	79436	50.93	ug/l	96
36) 1,1-Dichloropropene	5.770	75	63346	47.99	ug/l	96
37) Ethyl Acetate	4.793	43	77788	53.50	ug/l #	93
38) Carbon Tetrachloride	5.752	117	69753	48.12	ug/l	99
39) Methylcyclohexane	7.441	83	70751	47.73	ug/l	94
40) Benzene	6.111	78	184243	49.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	43390	51.77	ug/l #	89
42) 1,2-Dichloroethane	6.158	62	79321	50.53	ug/l	93
43) Isopropyl Acetate	6.411	43	129063	52.92	ug/l #	91
44) Trichloroethene	7.188	130	46868	47.81	ug/l	93
45) 1,2-Dichloropropane	7.488	63	50168	50.30	ug/l	97
46) Dibromomethane	7.635	93	35528	51.13	ug/l	93
47) Bromodichloromethane	7.876	83	73963	50.78	ug/l	99
48) Methyl methacrylate	7.747	41	67909	54.12	ug/l #	82
49) 1,4-Dioxane	7.712	88	21250	1003.64	ug/l #	84
51) 4-Methyl-2-Pentanone	8.618	43	398263	286.40	ug/l	88
52) Toluene	8.765	92	116002	52.13	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	75868	50.28	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	79117	49.21	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	46927	51.14	ug/l	96
56) Ethyl methacrylate	9.159	69	78963	55.41	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	82487	51.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	206052	288.21	ug/l	95
59) 2-Hexanone	9.471	43	306274	292.62	ug/l	84
60) Dibromochloromethane	9.565	129	55840	53.27	ug/l	100
61) 1,2-Dibromoethane	9.653	107	51409	53.40	ug/l	100
64) Tetrachloroethene	9.318	164	42156	40.73	ug/l	86
65) Chlorobenzene	10.118	112	124154	50.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	47212	48.31	ug/l	98
67) Ethyl Benzene	10.235	91	230499	50.16	ug/l	100
68) m/p-Xylenes	10.341	106	164868	100.14	ug/l	92
69) o-Xylene	10.682	106	81586	51.04	ug/l	96
70) Styrene	10.694	104	141323	52.15	ug/l	95
71) Bromoform	10.841	173	39740	47.49	ug/l #	99
73) Isopropylbenzene	11.000	105	219750	46.87	ug/l	99
74) N-amyl acetate	10.883	43	119765	53.49	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	79116	54.70	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	76786m	51.28	ug/l	
77) Bromobenzene	11.236	156	53466	47.95	ug/l	93
78) n-propylbenzene	11.341	91	259348	48.06	ug/l	98
79) 2-Chlorotoluene	11.406	91	156430	47.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	188975	48.02	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	25423	48.19	ug/l	89
82) 4-Chlorotoluene	11.494	91	185256	48.45	ug/l	97
83) tert-Butylbenzene	11.753	119	180984	50.46	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	195252	49.29	ug/l	96
85) sec-Butylbenzene	11.930	105	215027	49.25	ug/l	99
86) p-Isopropyltoluene	12.047	119	198282	49.50	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	99090	50.90	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	99892	49.91	ug/l	98
89) n-Butylbenzene	12.371	91	183164	49.86	ug/l	96
90) Hexachloroethane	12.577	117	33399	45.20	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	97754	50.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	20699	55.30	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	61667	50.13	ug/l	96
94) Hexachlorobutadiene	13.765	225	24807	46.96	ug/l	100
95) Naphthalene	13.818	128	227963	51.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	65970	49.63	ug/l	99

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

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