

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021190.D
 Acq On : 15 Mar 2021 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:49 PM

Quant Time: Mar 15 11:36:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:34:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	89465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	152206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	134383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	63540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	74541	61.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 123.36%	
35) Dibromofluoromethane	5.470	113	51358	55.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.08%	
50) Toluene-d8	8.694	98	184846	51.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.52%	
62) 4-Bromofluorobenzene	11.118	95	70194	52.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.30%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	57364	59.30	ug/l	99
3) Chloromethane	1.317	50	55307	51.46	ug/l	99
4) Vinyl Chloride	1.393	62	57052	46.11	ug/l	97
5) Bromomethane	1.623	94	30069	67.54	ug/l	100
6) Chloroethane	1.705	64	33588	43.38	ug/l	99
7) Trichlorofluoromethane	1.911	101	87875	56.25	ug/l	97
8) Diethyl Ether	2.170	74	30100	41.53	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	48674	50.58	ug/l	94
10) Methyl Iodide	2.493	142	65246	50.46	ug/l #	88
11) Tert butyl alcohol	3.023	59	64487	239.64	ug/l	98
12) 1,1-Dichloroethene	2.352	96	47834	47.77	ug/l	82
13) Acrolein	2.276	56	38238	229.47	ug/l	98
14) Allyl chloride	2.705	41	100435	61.38	ug/l #	88
15) Acrylonitrile	3.117	53	148322	258.31	ug/l	97
16) Acetone	2.423	43	144033	289.26	ug/l #	87
17) Carbon Disulfide	2.552	76	140477	49.24	ug/l	100
18) Methyl Acetate	2.752	43	71653	60.84	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	184446	51.57	ug/l	98
20) Methylene Chloride	2.835	84	54731	45.82	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	53182	47.29	ug/l	92
22) Diisopropyl ether	3.829	45	195487	59.41	ug/l	95
23) Vinyl Acetate	3.788	43	864145	307.14	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	103710	53.52	ug/l	97
25) 2-Butanone	4.635	43	220037	290.89	ug/l	90
26) 2,2-Dichloropropane	4.552	77	94845	53.89	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	61145	47.18	ug/l	88
28) Bromochloromethane	4.982	49	51413	62.02	ug/l	83
29) Tetrahydrofuran	5.088	42	142779	294.07	ug/l #	86
30) Chloroform	5.176	83	109970	56.33	ug/l	96
31) Cyclohexane	5.547	56	93893	53.66	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	97692	57.45	ug/l	96
36) 1,1-Dichloropropene	5.770	75	79610	55.03	ug/l	96
37) Ethyl Acetate	4.794	43	86235	62.66	ug/l #	93
38) Carbon Tetrachloride	5.753	117	86408	61.65	ug/l	95
39) Methylcyclohexane	7.441	83	90973	50.15	ug/l	92
40) Benzene	6.111	78	223726	51.59	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	49909	64.47	ug/l	89
42) 1,2-Dichloroethane	6.158	62	96016	66.60	ug/l	93
43) Isopropyl Acetate	6.411	43	148741	63.54	ug/l #	91
44) Trichloroethene	7.188	130	60327	52.91	ug/l	92
45) 1,2-Dichloropropane	7.488	63	60853	55.99	ug/l	97
46) Dibromomethane	7.635	93	42492	58.06	ug/l	92
47) Bromodichloromethane	7.876	83	88567	58.11	ug/l	98
48) Methyl methacrylate	7.747	41	76264	64.94	ug/l #	82
49) 1,4-Dioxane	7.712	88	26208	956.03	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	433602	318.09	ug/l	88
52) Toluene	8.765	92	136938	50.71	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	94142	55.08	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	98940	52.84	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	55390	51.91	ug/l	97
56) Ethyl methacrylate	9.159	69	88411	51.18	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	96020	52.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	232454	275.20	ug/l	95
59) 2-Hexanone	9.471	43	321445	314.30	ug/l	85
60) Dibromochloromethane	9.565	129	64295	57.09	ug/l	99
61) 1,2-Dibromoethane	9.653	107	59745	53.41	ug/l	97
64) Tetrachloroethene	9.318	164	59115	60.95	ug/l	91
65) Chlorobenzene	10.118	112	141537	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	52848	50.63	ug/l	95
67) Ethyl Benzene	10.235	91	266068	51.85	ug/l	98
68) m/p-Xylenes	10.341	106	187949	99.54	ug/l	88
69) o-Xylene	10.683	106	93490	50.73	ug/l	95
70) Styrene	10.694	104	156998	49.66	ug/l	94
71) Bromoform	10.841	173	44475	55.14	ug/l #	99
73) Isopropylbenzene	11.000	105	252382	50.29	ug/l	98
74) N-amyl acetate	10.877	43	122408	60.23	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	78150	48.30	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	82394m	60.28	ug/l	
77) Bromobenzene	11.242	156	58832	50.37	ug/l	92
78) n-propylbenzene	11.342	91	292286	51.07	ug/l	99
79) 2-Chlorotoluene	11.406	91	175141	50.50	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	212314	50.84	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	27463	44.48	ug/l #	86
82) 4-Chlorotoluene	11.494	91	205685	51.46	ug/l	96
83) tert-Butylbenzene	11.753	119	193687	47.67	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	216450	51.06	ug/l	97
85) sec-Butylbenzene	11.930	105	238723	49.86	ug/l	100
86) p-Isopropyltoluene	12.047	119	219571	50.04	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	104428	49.96	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	107270	50.37	ug/l	98
89) n-Butylbenzene	12.371	91	200144	51.09	ug/l	97
90) Hexachloroethane	12.577	117	40511	48.36	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	105397	51.65	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	20137	54.36	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	66920	51.12	ug/l	98
94) Hexachlorobutadiene	13.765	225	27837	53.10	ug/l	97
95) Naphthalene	13.818	128	224490	48.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	67092	51.62	ug/l	98

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

