

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021321.D
 Acq On : 20 Mar 2021 01:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:08 AM

Quant Time: Mar 20 06:39:13 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	5.623	168	66748	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	116766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	65175	59.53	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.06%#
35) Dibromofluoromethane	5.458	113	44688	56.24	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.48%
50) Toluene-d8	8.694	98	148790	51.61	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.22%
62) 4-Bromofluorobenzene	11.118	95	58760	52.48	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	35543	44.57	ug/l	98
3) Chloromethane	1.311	50	50219	43.47	ug/l	99
4) Vinyl Chloride	1.393	62	38452	47.35	ug/l	98
5) Bromomethane	1.623	94	20500	57.79	ug/l	98
6) Chloroethane	1.705	64	26129	52.65	ug/l	98
7) Trichlorofluoromethane	1.911	101	60977	49.81	ug/l	97
8) Diethyl Ether	2.170	74	26004	60.36	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.358	101	33761	48.40	ug/l	96
10) Methyl Iodide	2.487	142	30145	49.51	ug/l	91
11) Tert butyl alcohol	3.017	59	50641	275.34	ug/l	97
12) 1,1-Dichloroethene	2.352	96	33450	49.16	ug/l	88
13) Acrolein	2.270	56	35078	318.27	ug/l	99
14) Allyl chloride	2.705	41	74716	53.28	ug/l #	87
15) Acrylonitrile	3.111	53	127918	299.13	ug/l	97
16) Acetone	2.417	43	120000	297.90	ug/l	88
17) Carbon Disulfide	2.546	76	92446	46.71	ug/l	100
18) Methyl Acetate	2.746	43	63537	57.56	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	159943	62.64	ug/l	100
20) Methylene Chloride	2.829	84	46885	56.59	ug/l #	85
21) trans-1,2-Dichloroethene	3.135	96	40339	53.10	ug/l	89
22) Diisopropyl ether	3.823	45	166310	61.72	ug/l #	93
23) Vinyl Acetate	3.782	43	734277	312.38	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	83354	57.29	ug/l	97
25) 2-Butanone	4.629	43	184838	298.40	ug/l	90
26) 2,2-Dichloropropane	4.547	77	52233	41.15	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	50028	57.31	ug/l	94
28) Bromochloromethane	4.976	49	41959	61.21	ug/l	86
29) Tetrahydrofuran	5.082	42	120806	295.29	ug/l	86
30) Chloroform	5.170	83	89479	59.07	ug/l	97
31) Cyclohexane	5.547	56	60862	45.99	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	71630	53.36	ug/l	96
36) 1,1-Dichloropropene	5.758	75	55982	47.59	ug/l	96
37) Ethyl Acetate	4.782	43	72416	53.11	ug/l #	93
38) Carbon Tetrachloride	5.747	117	61051	49.97	ug/l	96
39) Methylcyclohexane	7.435	83	60216	46.10	ug/l	92
40) Benzene	6.106	78	178284	54.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	43436	55.52	ug/l #	88
42) 1,2-Dichloroethane	6.153	62	82924	59.28	ug/l	93
43) Isopropyl Acetate	6.406	43	124145	55.53	ug/l #	91
44) Trichloroethene	7.182	130	43432	50.43	ug/l	95
45) 1,2-Dichloropropane	7.482	63	50355	57.80	ug/l	99
46) Dibromomethane	7.635	93	36489	57.24	ug/l	92
47) Bromodichloromethane	7.870	83	74969	58.64	ug/l	98
48) Methyl methacrylate	7.741	41	66161	55.79	ug/l #	82
49) 1,4-Dioxane	7.706	88	22778	1129.22	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	375164	288.41	ug/l	88
52) Toluene	8.765	92	107528	53.63	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	73730	54.36	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	78773	54.39	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	48197	58.76	ug/l	99
56) Ethyl methacrylate	9.153	69	75876	57.53	ug/l #	75
57) 1,3-Dichloropropane	9.347	76	84115	58.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	203957	282.94	ug/l	95
59) 2-Hexanone	9.471	43	275995	283.48	ug/l	85
60) Dibromochloromethane	9.565	129	54469	58.31	ug/l	100
61) 1,2-Dibromoethane	9.653	107	50838	56.55	ug/l	99
64) Tetrachloroethene	9.312	164	36471	45.07	ug/l	91
65) Chlorobenzene	10.118	112	114669	51.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	46233	55.94	ug/l	98
67) Ethyl Benzene	10.230	91	203732	49.45	ug/l	98
68) m/p-Xylenes	10.341	106	148944	101.19	ug/l	93
69) o-Xylene	10.683	106	73187	51.17	ug/l	94
70) Styrene	10.694	104	125461	52.27	ug/l	94
71) Bromoform	10.841	173	37378	55.94	ug/l #	97
73) Isopropylbenzene	11.000	105	190942	50.33	ug/l	99
74) N-amyl acetate	10.877	43	104627	54.37	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	72448	57.53	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	68827m	58.10	ug/l	
77) Bromobenzene	11.236	156	49529	55.02	ug/l	93
78) n-propylbenzene	11.342	91	223327	50.34	ug/l	97
79) 2-Chlorotoluene	11.400	91	138665	51.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	166912	52.00	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	20704	47.45	ug/l #	83
82) 4-Chlorotoluene	11.494	91	163534	51.55	ug/l	97
83) tert-Butylbenzene	11.753	119	154392	50.52	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	168853	51.73	ug/l	98
85) sec-Butylbenzene	11.930	105	178727	49.62	ug/l	99
86) p-Isopropyltoluene	12.047	119	165933	50.27	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	87626	53.38	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	88189	52.53	ug/l	97
89) n-Butylbenzene	12.371	91	150652	50.09	ug/l	95
90) Hexachloroethane	12.577	117	29255	58.20	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	86723	54.16	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17332	53.66	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	54648	51.92	ug/l	96
94) Hexachlorobutadiene	13.765	225	22414	50.75	ug/l	96
95) Naphthalene	13.812	128	198912	54.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	55252	52.71	ug/l	97

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

