

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021191.D
 Acq On : 15 Mar 2021 11:04
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:51 PM

Quant Time: Mar 15 11:49:56 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	5.623	168	92042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	156481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	136020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	66496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	156517	125.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 251.78%#	
35) Dibromofluoromethane	5.464	113	108127	113.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 227.46%#	
50) Toluene-d8	8.694	98	392761	105.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 211.90%#	
62) 4-Bromofluorobenzene	11.124	95	151893	110.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 221.62%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	117896	118.46	ug/l	98
3) Chloromethane	1.311	50	112277	101.53	ug/l	99
4) Vinyl Chloride	1.393	62	119061	93.53	ug/l	99
5) Bromomethane	1.623	94	61699	134.71	ug/l	99
6) Chloroethane	1.699	64	69750	87.57	ug/l	98
7) Trichlorofluoromethane	1.905	101	181670	113.04	ug/l	99
8) Diethyl Ether	2.170	74	62358	83.63	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	102771	103.80	ug/l	96
10) Methyl Iodide	2.487	142	141872	106.65	ug/l #	89
11) Tert butyl alcohol	3.029	59	131883	476.36	ug/l	97
12) 1,1-Dichloroethene	2.352	96	100252	97.31	ug/l	87
13) Acrolein	2.276	56	81465	475.20	ug/l	99
14) Allyl chloride	2.705	41	208960	124.13	ug/l #	88
15) Acrylonitrile	3.117	53	307663	520.81	ug/l	97
16) Acetone	2.423	43	289490	565.10	ug/l #	87
17) Carbon Disulfide	2.546	76	293973	100.16	ug/l	100
18) Methyl Acetate	2.752	43	149303	123.22	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	383647	104.25	ug/l	98
20) Methylene Chloride	2.835	84	113467	92.33	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	111010	95.94	ug/l	94
22) Diisopropyl ether	3.829	45	402519	118.91	ug/l	95
23) Vinyl Acetate	3.788	43	1803834	623.17	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	216984	108.83	ug/l	97
25) 2-Butanone	4.635	43	452851	581.91	ug/l #	88
26) 2,2-Dichloropropane	4.547	77	195845	108.17	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	126772	95.09	ug/l	89
28) Bromochloromethane	4.982	49	107403	125.93	ug/l	85
29) Tetrahydrofuran	5.094	42	295548	591.68	ug/l #	85
30) Chloroform	5.176	83	224463	111.75	ug/l	98
31) Cyclohexane	5.547	56	194082	107.82	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	201509	115.19	ug/l	96
36) 1,1-Dichloropropene	5.770	75	163787	110.12	ug/l	97
37) Ethyl Acetate	4.794	43	180939	127.88	ug/l #	93
38) Carbon Tetrachloride	5.753	117	179282	124.41	ug/l	95
39) Methylcyclohexane	7.441	83	191519	102.69	ug/l	93
40) Benzene	6.111	78	465640	104.45	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	102083	128.27	ug/l	88
42) 1,2-Dichloroethane	6.158	62	197618	133.32	ug/l	93
43) Isopropyl Acetate	6.411	43	309249	128.50	ug/l #	91
44) Trichloroethene	7.188	130	123831	105.64	ug/l	93
45) 1,2-Dichloropropane	7.488	63	125886	112.67	ug/l	97
46) Dibromomethane	7.635	93	86740	115.29	ug/l	92
47) Bromodichloromethane	7.876	83	185141	118.15	ug/l	99
48) Methyl methacrylate	7.747	41	158979	131.67	ug/l #	83
49) 1,4-Dioxane	7.712	88	53759	1907.47	ug/l #	90
51) 4-Methyl-2-Pentanone	8.623	43	878024	626.52	ug/l	89
52) Toluene	8.765	92	282458	101.74	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	199718	113.66	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	211353	109.79	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	115612	105.38	ug/l	97
56) Ethyl methacrylate	9.159	69	185900	104.68	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	200430	106.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	479513	552.19	ug/l	96
59) 2-Hexanone	9.477	43	664940	632.40	ug/l	85
60) Dibromochloromethane	9.565	129	135991	117.46	ug/l	100
61) 1,2-Dibromoethane	9.653	107	124289	108.07	ug/l	99
64) Tetrachloroethene	9.318	164	118364	120.57	ug/l	91
65) Chlorobenzene	10.124	112	295122	103.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	117422	111.14	ug/l	96
67) Ethyl Benzene	10.235	91	552589	106.39	ug/l	99
68) m/p-Xylenes	10.341	106	400346	209.48	ug/l	94
69) o-Xylene	10.683	106	190123	101.93	ug/l	93
70) Styrene	10.694	104	329519	102.97	ug/l	95
71) Bromoform	10.841	173	95289	116.72	ug/l #	98
73) Isopropylbenzene	11.000	105	533084	101.51	ug/l	99
74) N-amyl acetate	10.883	43	263580	123.92	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	161476	95.37	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	167628m	117.18	ug/l	
77) Bromobenzene	11.241	156	126321	103.35	ug/l	94
78) n-propylbenzene	11.342	91	613316	102.40	ug/l	99
79) 2-Chlorotoluene	11.406	91	363508	100.16	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	449017	102.73	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	61309	94.89	ug/l	89
82) 4-Chlorotoluene	11.494	91	436806	104.42	ug/l	98
83) tert-Butylbenzene	11.753	119	414401	97.46	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	455730	102.73	ug/l	98
85) sec-Butylbenzene	11.930	105	512699	102.33	ug/l	99
86) p-Isopropyltoluene	12.047	119	464092	101.06	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	227847	104.15	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	223005	100.06	ug/l	96
89) n-Butylbenzene	12.371	91	436299	106.42	ug/l	96
90) Hexachloroethane	12.577	117	88412	100.84	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	222080	103.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	42935	110.75	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	155170	113.27	ug/l	98
94) Hexachlorobutadiene	13.765	225	57963	105.65	ug/l	91
95) Naphthalene	13.818	128	493521	101.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	148728	109.34	ug/l	98

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

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