

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021192.D
 Acq On : 15 Mar 2021 11:27
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:53 PM

Quant Time: Mar 15 11:50:38 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	85675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	146676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	131891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	67690	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	232050	200.52	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	401.04%#	
35) Dibromofluoromethane	5.470	113	163943	183.96	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	367.92%#	
50) Toluene-d8	8.694	98	580752	167.13	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	334.26%#	
62) 4-Bromofluorobenzene	11.124	95	237066	184.51	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	369.02%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	166579	179.82	ug/l	100
3) Chloromethane	1.311	50	161376	156.78	ug/l	99
4) Vinyl Chloride	1.399	62	170011	143.47	ug/l	100
5) Bromomethane	1.623	94	90375	211.98	ug/l	96
6) Chloroethane	1.693	64	95346	128.60	ug/l	100
7) Trichlorofluoromethane	1.905	101	264191	176.60	ug/l	97
8) Diethyl Ether	2.170	74	89567	129.04	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.358	101	146342	158.80	ug/l	96
10) Methyl Iodide	2.487	142	204264	164.97	ug/l	90
11) Tert butyl alcohol	3.040	59	194838	756.05	ug/l	97
12) 1,1-Dichloroethene	2.352	96	144264	150.44	ug/l	87
13) Acrolein	2.276	56	120982	758.15	ug/l	100
14) Allyl chloride	2.705	41	301426	192.37	ug/l	# 88
15) Acrylonitrile	3.123	53	444258	807.93	ug/l	98
16) Acetone	2.429	43	413174	866.47	ug/l	89
17) Carbon Disulfide	2.546	76	420630	153.96	ug/l	99
18) Methyl Acetate	2.752	43	217176	192.55	ug/l	# 89
19) Methyl tert-butyl Ether	3.170	73	551499	161.00	ug/l	98
20) Methylene Chloride	2.835	84	163784	143.18	ug/l	# 87
21) trans-1,2-Dichloroethene	3.140	96	160165	148.71	ug/l	92
22) Diisopropyl ether	3.829	45	576427	182.94	ug/l	# 96
23) Vinyl Acetate	3.788	43	2597716	964.13	ug/l	# 92
24) 1,1-Dichloroethane	3.670	63	308952	166.48	ug/l	97
25) 2-Butanone	4.641	43	651843	899.86	ug/l	89
26) 2,2-Dichloropropane	4.552	77	280957	166.71	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	183387	147.78	ug/l	90
28) Bromochloromethane	4.982	49	153805	193.74	ug/l	84
29) Tetrahydrofuran	5.094	42	426839	918.02	ug/l	86
30) Chloroform	5.182	83	319836	171.07	ug/l	98
31) Cyclohexane	5.547	56	277339	165.52	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	287027	176.26	ug/l	97
36) 1,1-Dichloropropene	5.770	75	236553	169.67	ug/l	97
37) Ethyl Acetate	4.799	43	260685	196.55	ug/l	# 93
38) Carbon Tetrachloride	5.753	117	257826	190.88	ug/l	97
39) Methylcyclohexane	7.441	83	271283	155.19	ug/l	93
40) Benzene	6.111	78	664337	158.98	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	145993	195.70	ug/l	88
42) 1,2-Dichloroethane	6.164	62	279147	200.92	ug/l	94
43) Isopropyl Acetate	6.417	43	445512	197.49	ug/l #	91
44) Trichloroethene	7.188	130	177437	161.50	ug/l	90
45) 1,2-Dichloropropane	7.488	63	178083	170.04	ug/l	99
46) Dibromomethane	7.635	93	125132	177.43	ug/l	93
47) Bromodichloromethane	7.876	83	260848	177.59	ug/l	99
48) Methyl methacrylate	7.747	41	232731	205.64	ug/l #	82
49) 1,4-Dioxane	7.718	88	76972	2913.68	ug/l #	90
51) 4-Methyl-2-Pentanone	8.624	43	1297937	988.07	ug/l	89
52) Toluene	8.765	92	404728	155.52	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	285744	173.48	ug/l	99
54) cis-1,3-Dichloropropene	8.418	75	299792	166.15	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	163471	158.97	ug/l	98
56) Ethyl methacrylate	9.159	69	275431	165.46	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	283996	160.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.294	63	686470	843.36	ug/l	95
59) 2-Hexanone	9.477	43	998020	1012.63	ug/l	85
60) Dibromochloromethane	9.565	129	197031	181.56	ug/l	100
61) 1,2-Dibromoethane	9.653	107	179206	166.23	ug/l	98
64) Tetrachloroethene	9.318	164	159962	168.04	ug/l	94
65) Chlorobenzene	10.124	112	422637	152.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	166998	163.01	ug/l	99
67) Ethyl Benzene	10.235	91	797709	158.39	ug/l	100
68) m/p-Xylenes	10.341	106	581293	313.68	ug/l	95
69) o-Xylene	10.683	106	281088	155.41	ug/l	95
70) Styrene	10.694	104	487074	156.97	ug/l	95
71) Bromoform	10.841	173	143225	180.93	ug/l #	98
73) Isopropylbenzene	11.000	105	767683	143.60	ug/l	99
74) N-amyl acetate	10.883	43	399625	184.57	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	251991	146.21	ug/l	100
76) 1,2,3-Trichloropropane	11.283	75	248660m	170.76	ug/l	
77) Bromobenzene	11.242	156	184268	148.10	ug/l	92
78) n-propylbenzene	11.347	91	896960	147.11	ug/l	99
79) 2-Chlorotoluene	11.406	91	538909	145.88	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	658079	147.91	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	94156	143.15	ug/l	90
82) 4-Chlorotoluene	11.494	91	648492	152.29	ug/l	97
83) tert-Butylbenzene	11.753	119	641769	148.27	ug/l	93
84) 1,2,4-Trimethylbenzene	11.795	105	679525	150.47	ug/l	97
85) sec-Butylbenzene	11.930	105	750409	147.13	ug/l	98
86) p-Isopropyltoluene	12.047	119	705897	151.00	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	339996	152.68	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	345072	152.09	ug/l	99
89) n-Butylbenzene	12.371	91	652468	156.34	ug/l	98
90) Hexachloroethane	12.577	117	134420	150.62	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	329558	151.60	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	68880	174.54	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	230047	164.97	ug/l	96
94) Hexachlorobutadiene	13.765	225	95494	170.98	ug/l	99
95) Naphthalene	13.818	128	768812	154.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	226581	163.64	ug/l	98

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

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