

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021429.D
 Acq On : 24 Mar 2021 11:58
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:41 AM

Quant Time: Mar 24 12:18:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 11:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	78484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	124542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	63259	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	206597	161.39	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 322.78%#			
35) Dibromofluoromethane	5.464	113	148012	166.25	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 332.50%#			
50) Toluene-d8	8.700	98	537648	165.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 331.42%#			
62) 4-Bromofluorobenzene	11.118	95	213145	170.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 340.10%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	125716	136.50	ug/l	98
3) Chloromethane	1.311	50	148668	85.36	ug/l	100
4) Vinyl Chloride	1.393	62	135121	143.86	ug/l	99
5) Bromomethane	1.617	94	50084	123.96	ug/l	97
6) Chloroethane	1.687	64	77605	134.68	ug/l	98
7) Trichlorofluoromethane	1.899	101	208691	146.32	ug/l	94
8) Diethyl Ether	2.170	74	77008	153.91	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.352	101	118865	146.39	ug/l	97
10) Methyl Iodide	2.482	142	106912	155.71	ug/l	# 89
11) Tert butyl alcohol	3.040	59	173128	806.34	ug/l	97
12) 1,1-Dichloroethene	2.346	96	116242	147.20	ug/l	86
13) Acrolein	2.276	56	84486	646.70	ug/l	100
14) Allyl chloride	2.699	41	239001	146.78	ug/l	# 89
15) Acrylonitrile	3.123	53	410754	817.99	ug/l	98
16) Acetone	2.429	43	382033	804.41	ug/l	# 88
17) Carbon Disulfide	2.540	76	320016	131.00	ug/l	100
18) Methyl Acetate	2.752	43	238241	179.02	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	473343	159.44	ug/l	97
20) Methylene Chloride	2.829	84	146022	150.88	ug/l	# 86
21) trans-1,2-Dichloroethene	3.135	96	131962	149.12	ug/l	90
22) Diisopropyl ether	3.829	45	493223	157.38	ug/l	94
23) Vinyl Acetate	3.788	43	2159399	795.91	ug/l	# 93
24) 1,1-Dichloroethane	3.664	63	259577	153.06	ug/l	97
25) 2-Butanone	4.641	43	598754	824.57	ug/l	89
26) 2,2-Dichloropropane	4.546	77	223469	151.51	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	158997	156.17	ug/l	92
28) Bromochloromethane	4.982	49	122924	153.59	ug/l	85
29) Tetrahydrofuran	5.094	42	391090	817.24	ug/l	86
30) Chloroform	5.182	83	280720	158.99	ug/l	99
31) Cyclohexane	5.547	56	215576	140.97	ug/l	94
32) 1,1,1-Trichloroethane	5.464	97	242820	155.13	ug/l	97
36) 1,1-Dichloropropene	5.764	75	192219	146.75	ug/l	97
37) Ethyl Acetate	4.799	43	231805	153.07	ug/l	# 92
38) Carbon Tetrachloride	5.753	117	209405	153.52	ug/l	97
39) Methylcyclohexane	7.441	83	217476	149.47	ug/l	94
40) Benzene	6.111	78	568473	157.18	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	132567	151.07	ug/l	89
42) 1,2-Dichloroethane	6.158	62	247644	158.20	ug/l	94
43) Isopropyl Acetate	6.417	43	394005	158.58	ug/l #	91
44) Trichloroethene	7.188	130	148232	154.43	ug/l	100
45) 1,2-Dichloropropane	7.488	63	155666	159.85	ug/l	98
46) Dibromomethane	7.635	93	113771	159.19	ug/l	93
47) Bromodichloromethane	7.876	83	235248	164.48	ug/l	100
48) Methyl methacrylate	7.747	41	211540	159.60	ug/l #	83
49) 1,4-Dioxane	7.717	88	73400	2985.89	ug/l #	92
51) 4-Methyl-2-Pentanone	8.623	43	1208278	827.75	ug/l	89
52) Toluene	8.765	92	366475	163.70	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	255377	168.83	ug/l	99
54) cis-1,3-Dichloropropene	8.418	75	263971	163.92	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	152675	165.99	ug/l	100
56) Ethyl methacrylate	9.159	69	248059	168.42	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	261121	163.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	656572	809.30	ug/l	96
59) 2-Hexanone	9.477	43	916408	839.13	ug/l	85
60) Dibromochloromethane	9.565	129	173838	166.22	ug/l	97
61) 1,2-Dibromoethane	9.653	107	165332	163.41	ug/l	100
64) Tetrachloroethene	9.318	164	127956	138.92	ug/l	91
65) Chlorobenzene	10.124	112	392937	153.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	152772	160.04	ug/l	98
67) Ethyl Benzene	10.235	91	715136	151.55	ug/l	100
68) m/p-Xylenes	10.341	106	515863	305.90	ug/l	92
69) o-Xylene	10.683	106	253545	154.82	ug/l	95
70) Styrene	10.694	104	443588	160.80	ug/l	96
71) Bromoform	10.841	173	126571	164.54	ug/l #	98
73) Isopropylbenzene	11.000	105	687670	147.04	ug/l	98
74) N-amyl acetate	10.883	43	347791	148.67	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	239871	154.45	ug/l	99
76) 1,2,3-Trichloropropane	11.283	75	224557m	150.02	ug/l	
77) Bromobenzene	11.241	156	169165	151.86	ug/l	95
78) n-propylbenzene	11.341	91	813163	148.84	ug/l	98
79) 2-Chlorotoluene	11.406	91	482861	145.38	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	593131	150.06	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	83589	157.56	ug/l	89
82) 4-Chlorotoluene	11.494	91	579474	148.09	ug/l	97
83) tert-Butylbenzene	11.753	119	578778	153.31	ug/l	94
84) 1,2,4-Trimethylbenzene	11.789	105	602128	149.86	ug/l	98
85) sec-Butylbenzene	11.930	105	668961	150.26	ug/l	99
86) p-Isopropyltoluene	12.047	119	614754	150.88	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	310892	153.33	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	315092	152.67	ug/l	98
89) n-Butylbenzene	12.371	91	582923	157.02	ug/l	96
90) Hexachloroethane	12.583	117	115244	182.11	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	302160	153.56	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	61621	155.56	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	218662	168.49	ug/l	97
94) Hexachlorobutadiene	13.765	225	84948	155.40	ug/l	95
95) Naphthalene	13.818	128	702214	158.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	205544	160.04	ug/l	96

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

