

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022530.D
 Acq On : 07 Jun 2021 12:52
 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
 6/8/2021 6:58:10 PM

Quant Time: Jun 07 13:19:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 12:49:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	71304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	137492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62854	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	197036	174.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 348.060%#			
35) Dibromofluoromethane	5.391	113	144012	156.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 313.560%#			
50) Toluene-d8	8.653	98	578158	162.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 324.960%#			
62) 4-Bromofluorobenzene	11.085	95	229266	175.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 351.280%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	136117	156.476	ug/l	99
3) Chloromethane	1.294	50	156246	166.107	ug/l	99
4) Vinyl Chloride	1.374	62	156449	158.938	ug/l	100
5) Bromomethane	1.599	94	71867	126.053	ug/l	94
6) Chloroethane	1.666	64	77012	130.882	ug/l	99
7) Trichlorofluoromethane	1.873	101	220515	154.883	ug/l	96
8) Diethyl Ether	2.136	74	92030	151.604	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.319	101	130745	153.706	ug/l	91
10) Methyl Iodide	2.447	142	168840	182.403	ug/l	95
11) Tert butyl alcohol	3.001	59	219253	851.274	ug/l	99
12) 1,1-Dichloroethene	2.312	96	135204	163.552	ug/l	96
13) Acrolein	2.245	56	103482	642.804	ug/l	100
14) Allyl chloride	2.660	41	268653	175.761	ug/l	96
15) Acrylonitrile	3.074	53	461764	906.964	ug/l	100
16) Acetone	2.392	43	418753	850.345	ug/l	94
17) Carbon Disulfide	2.501	76	360330	168.635	ug/l	99
18) Methyl Acetate	2.715	43	242005	182.595	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	473957	167.532	ug/l	97
20) Methylene Chloride	2.788	84	167804	155.581	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	150918	167.598	ug/l	94
22) Diisopropyl ether	3.776	45	533062	180.630	ug/l	89
23) Vinyl Acetate	3.733	43	2579740	907.482	ug/l	95
24) 1,1-Dichloroethane	3.611	63	295080	171.057	ug/l	98
25) 2-Butanone	4.574	43	740674	928.386	ug/l	91
26) 2,2-Dichloropropane	4.477	77	231242	153.543	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	182899	167.853	ug/l	97
28) Bromochloromethane	4.903	49	153104	182.662	ug/l	# 77
29) Tetrahydrofuran	5.019	42	438776	920.532	ug/l	88
30) Chloroform	5.105	83	297000	167.495	ug/l	99
31) Cyclohexane	5.470	56	237940	167.698	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	246184	163.351	ug/l	97
36) 1,1-Dichloropropene	5.702	75	219482	163.181	ug/l	97
37) Ethyl Acetate	4.733	43	290766	174.676	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	201379	156.762	ug/l	99
39) Methylcyclohexane	7.385	83	237008	155.946	ug/l	97
40) Benzene	6.043	78	669938	162.068	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	159077	179.236	ug/l	92
42) 1,2-Dichloroethane	6.092	62	245380	168.206	ug/l	97
43) Isopropyl Acetate	6.354	43	478100	176.149	ug/l #	93
44) Trichloroethene	7.129	130	157418	154.814	ug/l	92
45) 1,2-Dichloropropane	7.440	63	180589	171.977	ug/l	100
46) Dibromomethane	7.586	93	117540	165.800	ug/l #	86
47) Bromodichloromethane	7.830	83	230727	164.289	ug/l	99
48) Methyl methacrylate	7.702	41	227186	181.841	ug/l	89
49) 1,4-Dioxane	7.671	88	86711	3556.368	ug/l	95
51) 4-Methyl-2-Pentanone	8.586	43	1493825	914.485	ug/l	91
52) Toluene	8.726	92	416752	160.266	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	282350	173.582	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	297022	169.179	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	175885	166.613	ug/l	98
56) Ethyl methacrylate	9.122	69	307936	180.652	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	307616	169.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	758440	814.629	ug/l	94
59) 2-Hexanone	9.439	43	1160795	942.951	ug/l	89
60) Dibromochloromethane	9.531	129	167430	167.154	ug/l	98
61) 1,2-Dibromoethane	9.616	107	181166	172.175	ug/l	98
64) Tetrachloroethene	9.281	164	127995	140.822	ug/l	92
65) Chlorobenzene	10.085	112	439007	153.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	155001	157.310	ug/l	98
67) Ethyl Benzene	10.195	91	816566	154.409	ug/l	99
68) m/p-Xylenes	10.305	106	592459	297.530	ug/l	97
69) o-Xylene	10.646	106	290148	149.894	ug/l	95
70) Styrene	10.658	104	511166	161.122	ug/l	96
71) Bromoform	10.805	173	107451	162.260	ug/l	100
73) Isopropylbenzene	10.963	105	785795	147.420	ug/l	99
74) N-amyl acetate	10.847	43	462417	179.630	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	289072	162.097	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	257538m	164.237	ug/l	
77) Bromobenzene	11.201	156	166014	147.861	ug/l	81
78) n-propylbenzene	11.311	91	958204	153.424	ug/l	96
79) 2-Chlorotoluene	11.366	91	569686	150.724	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	659022	149.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	105176	165.028	ug/l	94
82) 4-Chlorotoluene	11.457	91	667916	152.693	ug/l	94
83) tert-Butylbenzene	11.719	119	615238	146.308	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	679868	153.022	ug/l	98
85) sec-Butylbenzene	11.896	105	806723	150.413	ug/l	97
86) p-Isopropyltoluene	12.012	119	679093	150.158	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	325722	150.268	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	326774	145.633	ug/l	96
89) n-Butylbenzene	12.335	91	663509	157.891	ug/l	98
90) Hexachloroethane	12.542	117	110673	152.157	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	311404	149.560	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	66836	176.764	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	194531	155.315	ug/l	97
94) Hexachlorobutadiene	13.725	225	68629	142.107	ug/l	99
95) Naphthalene	13.780	128	806241	163.369	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194155	153.234	ug/l	96

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

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