

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020655.D
 Acq On : 19 Jan 2021 12:24
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:23 PM

Quant Time: Jan 19 12:53:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:16:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	215862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	352674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	320884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	166045	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	452801	168.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	337.90%#		
35) Dibromofluoromethane	5.465	113	373276	152.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	304.64%#		
50) Toluene-d8	8.696	98	1347970	153.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	307.56%#		
62) 4-Bromofluorobenzene	11.122	95	527197	165.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	330.92%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	497680	214.51	ug/l	99
3) Chloromethane	1.307	50	445008	207.51	ug/l	99
4) Vinyl Chloride	1.392	62	469508	195.00	ug/l	99
5) Bromomethane	1.624	94	191926	127.20	ug/l	98
6) Chloroethane	1.697	64	253765	181.44	ug/l	98
7) Trichlorofluoromethane	1.910	101	655390	169.20	ug/l	99
8) Diethyl Ether	2.166	74	233684	169.61	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	351348	163.18	ug/l	98
10) Methyl Iodide	2.489	142	512254	172.69	ug/l	97
11) Tert butyl alcohol	3.069	59	381981	750.82	ug/l	98
12) 1,1-Dichloroethene	2.349	96	352744	167.72	ug/l	96
13) Acrolein	2.270	56	266338	772.99	ug/l	99
14) Allyl chloride	2.703	41	537372	180.62	ug/l	99
15) Acrylonitrile	3.117	53	985926	867.61	ug/l	99
16) Acetone	2.422	43	786121	775.26	ug/l	99
17) Carbon Disulfide	2.550	76	986913	168.77	ug/l	99
18) Methyl Acetate	2.746	43	386637	163.64	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	1205762	175.91	ug/l	100
20) Methylene Chloride	2.831	84	390577	155.87	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	383333	162.64	ug/l	95
22) Diisopropyl ether	3.825	45	1089972	181.61	ug/l	95
23) Vinyl Acetate	3.788	43	4831482	940.58	ug/l	99
24) 1,1-Dichloroethane	3.666	63	679210	170.84	ug/l	99
25) 2-Butanone	4.635	43	1252210	858.84	ug/l	99
26) 2,2-Dichloropropane	4.550	77	599702	164.68	ug/l	97
27) cis-1,2-Dichloroethene	4.556	96	439174	166.54	ug/l	100
28) Bromochloromethane	4.977	49	283799	175.80	ug/l	99
29) Tetrahydrofuran	5.087	42	805973	907.57	ug/l	100
30) Chloroform	5.178	83	706136	160.78	ug/l	99
31) Cyclohexane	5.544	56	600993	187.53	ug/l	97
32) 1,1,1-Trichloroethane	5.465	97	642561	163.28	ug/l	99
36) 1,1-Dichloropropene	5.763	75	541701	165.23	ug/l	99
37) Ethyl Acetate	4.794	43	498737	166.14	ug/l	99
38) Carbon Tetrachloride	5.757	117	569813	151.01	ug/l	99
39) Methylcyclohexane	7.440	83	658229	175.79	ug/l	97
40) Benzene	6.111	78	1541608	157.56	ug/l	100

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41) Methacrylonitrile	5.007	41	267240	170.99	ug/l	99
42) 1,2-Dichloroethane	6.160	62	566779	160.61	ug/l	98
43) Isopropyl Acetate	6.410	43	806900	174.23	ug/l	100
44) Trichloroethene	7.184	130	423083	147.10	ug/l	98
45) 1,2-Dichloropropane	7.489	63	393995	162.84	ug/l	99
46) Dibromomethane	7.635	93	277799	152.50	ug/l	99
47) Bromodichloromethane	7.873	83	576381	155.56	ug/l	100
48) Methyl methacrylate	7.745	41	407911	180.55	ug/l	99
49) 1,4-Dioxane	7.726	88	175574	3131.71	ug/l	99
51) 4-Methyl-2-Pentanone	8.623	43	2440177	847.52	ug/l	100
52) Toluene	8.763	92	976530	157.60	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	650609	171.88	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	684637	168.14	ug/l	97
55) 1,1,2-Trichloroethane	9.196	97	389426	148.95	ug/l	99
56) Ethyl methacrylate	9.159	69	611418	179.28	ug/l	99
57) 1,3-Dichloropropane	9.354	76	676745	158.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.293	63	1456753	898.74	ug/l	100
59) 2-Hexanone	9.476	43	1845407	854.22	ug/l	100
60) Dibromochloromethane	9.567	129	451140	153.74	ug/l	100
61) 1,2-Dibromoethane	9.653	107	430058	154.63	ug/l	100
64) Tetrachloroethene	9.318	164	369571	129.42	ug/l	90
65) Chlorobenzene	10.122	112	1063401	156.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	409998	156.83	ug/l	98
67) Ethyl Benzene	10.232	91	1910857	167.33	ug/l	100
68) m/p-Xylenes	10.342	106	1429474	329.75	ug/l	99
69) o-Xylene	10.683	106	691327	171.48	ug/l	99
70) Styrene	10.695	104	1175875	171.62	ug/l	98
71) Bromoform	10.842	173	330665	159.10	ug/l #	99
73) Isopropylbenzene	11.000	105	1855864	162.36	ug/l	99
74) N-amyl acetate	10.884	43	711359	196.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	599974	160.13	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	552976m	153.55	ug/l	
77) Bromobenzene	11.238	156	448337	147.95	ug/l	99
78) n-propylbenzene	11.342	91	2112911	166.74	ug/l	99
79) 2-Chlorotoluene	11.403	91	1258230	160.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	1580382	164.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	223280	169.69	ug/l	96
82) 4-Chlorotoluene	11.494	91	1504304	162.23	ug/l	98
83) tert-Butylbenzene	11.756	119	1528162	166.33	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	1604683	168.51	ug/l	99
85) sec-Butylbenzene	11.933	105	1788596	167.07	ug/l	100
86) p-Isopropyltoluene	12.049	119	1685713	170.17	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	823754	148.52	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	844499	148.86	ug/l	99
89) n-Butylbenzene	12.372	91	1517222	175.02	ug/l	100
90) Hexachloroethane	12.579	117	301962	161.43	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	804641	147.19	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	149054	168.29	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	591217	163.66	ug/l	98
94) Hexachlorobutadiene	13.762	225	248006	128.02	ug/l	98
95) Naphthalene	13.817	128	1897160	177.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	570071	154.95	ug/l	98

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

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