

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020120.D
 Acq On : 18 Dec 2020 12:20
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 3:57:58 PM

Quant Time: Dec 18 12:41:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	264916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	436558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	418294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	214396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	351222	98.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 197.92%#			
35) Dibromofluoromethane	5.464	113	285418	100.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 201.52%#			
50) Toluene-d8	8.695	98	1115995	103.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 207.30%#			
62) 4-Bromofluorobenzene	11.122	95	436028	106.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 212.60%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	307489	125.81	ug/l	100
3) Chloromethane	1.313	50	319300	108.66	ug/l	99
4) Vinyl Chloride	1.392	62	368709	120.61	ug/l	100
5) Bromomethane	1.617	94	103963	102.37	ug/l	100
6) Chloroethane	1.697	64	227144	121.50	ug/l	99
7) Trichlorofluoromethane	1.910	101	477412	113.87	ug/l	99
8) Diethyl Ether	2.166	74	199006	107.88	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	267977	111.90	ug/l	99
10) Methyl Iodide	2.489	142	382042	108.62	ug/l	100
11) Tert butyl alcohol	3.026	59	370017	472.92	ug/l	99
12) 1,1-Dichloroethene	2.349	96	273643	112.36	ug/l	92
13) Acrolein	2.270	56	248493	604.02	ug/l	99
14) Allyl chloride	2.703	41	484385	114.59	ug/l	97
15) Acrylonitrile	3.111	53	901092	550.07	ug/l	99
16) Acetone	2.416	43	726388	534.15	ug/l	100
17) Carbon Disulfide	2.544	76	818813	116.18	ug/l	100
18) Methyl Acetate	2.745	43	350127	106.29	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	1012184	110.28	ug/l	99
20) Methylene Chloride	2.831	84	339344	97.35	ug/l	99
21) trans-1,2-Dichloroethene	3.135	96	322821	111.72	ug/l	98
22) Diisopropyl ether	3.824	45	983838	113.83	ug/l	93
23) Vinyl Acetate	3.782	43	4298026	580.68	ug/l	100
24) 1,1-Dichloroethane	3.666	63	571721	111.13	ug/l	100
25) 2-Butanone	4.629	43	1161894	555.37	ug/l	99
26) 2,2-Dichloropropane	4.544	77	486873	111.76	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	369481	108.54	ug/l	100
28) Bromochloromethane	4.977	49	252920	104.27	ug/l	97
29) Tetrahydrofuran	5.086	42	748433	555.75	ug/l	98
30) Chloroform	5.172	83	582924	110.04	ug/l	100
31) Cyclohexane	5.544	56	518830	119.54	ug/l	100
32) 1,1,1-Trichloroethane	5.458	97	506733	113.41	ug/l	100
36) 1,1-Dichloropropene	5.763	75	445443	113.02	ug/l	99
37) Ethyl Acetate	4.794	43	454697	110.78	ug/l	99
38) Carbon Tetrachloride	5.751	117	435827	113.63	ug/l	99
39) Methylcyclohexane	7.434	83	545238	119.39	ug/l	97
40) Benzene	6.111	78	1342838	109.54	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	244523	108.65	ug/l	99
42) 1,2-Dichloroethane	6.159	62	455514	108.06	ug/l	100
43) Isopropyl Acetate	6.409	43	737235	111.05	ug/l	99
44) Trichloroethene	7.184	130	347849	109.43	ug/l	97
45) 1,2-Dichloropropane	7.488	63	341420	110.66	ug/l	100
46) Dibromomethane	7.635	93	228557	109.54	ug/l	98
47) Bromodichloromethane	7.872	83	464172	112.74	ug/l	98
48) Methyl methacrylate	7.744	41	370006	113.23	ug/l	98
49) 1,4-Dioxane	7.714	88	169136	2157.87	ug/l	99
51) 4-Methyl-2-Pentanone	8.622	43	2292832	564.05	ug/l	100
52) Toluene	8.763	92	843688	110.50	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	536022	117.53	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	571828	115.08	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	342851	110.24	ug/l	99
56) Ethyl methacrylate	9.159	69	550792	117.26	ug/l	99
57) 1,3-Dichloropropane	9.354	76	584398	109.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	1343036	540.45	ug/l	99
59) 2-Hexanone	9.470	43	1775938	566.38	ug/l	100
60) Dibromochloromethane	9.561	129	364492	115.92	ug/l	100
61) 1,2-Dibromoethane	9.653	107	362366	109.72	ug/l	99
64) Tetrachloroethene	9.317	164	298888	106.70	ug/l	97
65) Chlorobenzene	10.122	112	886168	105.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	334908	110.91	ug/l	99
67) Ethyl Benzene	10.232	91	1633994	110.44	ug/l	99
68) m/p-Xylenes	10.342	106	1237985	221.87	ug/l	99
69) o-Xylene	10.683	106	587896	109.19	ug/l	98
70) Styrene	10.695	104	1030466	113.26	ug/l	100
71) Bromoform	10.841	173	279209	118.53	ug/l #	100
73) Isopropylbenzene	11.000	105	1564158	106.63	ug/l	99
74) N-amyl acetate	10.878	43	671095	112.45	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.250	83	545750	104.20	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	512266m	105.06	ug/l	
77) Bromobenzene	11.238	156	404856	106.91	ug/l	98
78) n-propylbenzene	11.341	91	1851096	110.59	ug/l	100
79) 2-Chlorotoluene	11.402	91	1106407	106.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	1372334	110.78	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	195236	115.98	ug/l	96
82) 4-Chlorotoluene	11.494	91	1304690	106.98	ug/l	98
83) tert-Butylbenzene	11.756	119	1321593	109.52	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	1385933	110.45	ug/l	100
85) sec-Butylbenzene	11.927	105	1551454	113.15	ug/l	100
86) p-Isopropyltoluene	12.049	119	1430859	113.28	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	722163	104.36	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	735579	104.21	ug/l	99
89) n-Butylbenzene	12.372	91	1305739	117.31	ug/l	99
90) Hexachloroethane	12.579	117	253658	116.42	ug/l	98
91) 1,2-Dichlorobenzene	12.378	146	707147	104.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	123871	109.66	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	476693	109.10	ug/l	98
94) Hexachlorobutadiene	13.762	225	210021	110.22	ug/l	98
95) Naphthalene	13.817	128	1629714	114.05	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	466578	109.05	ug/l	99

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

