

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020421.D
 Acq On : 28 Dec 2020 18:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/29/2020 9:11:21 AM

Quant Time: Dec 29 00:42:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	238807	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	388936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	364188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	182377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	147306	46.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.04%		
35) Dibromofluoromethane	5.464	113	122925	49.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.82%		
50) Toluene-d8	8.695	98	466999	48.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.52%		
62) 4-Bromofluorobenzene	11.122	95	184910	50.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	114431	44.12	ug/l	100
3) Chloromethane	1.313	50	136149	45.27	ug/l	100
4) Vinyl Chloride	1.392	62	145496	44.41	ug/l	100
5) Bromomethane	1.617	94	32819	31.27	ug/l	96
6) Chloroethane	1.703	64	96165	47.14	ug/l	99
7) Trichlorofluoromethane	1.910	101	187888	44.60	ug/l	97
8) Diethyl Ether	2.166	74	82247	44.86	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.361	101	112520	47.20	ug/l	99
10) Methyl Iodide	2.489	142	106955	34.39	ug/l	99
11) Tert butyl alcohol	3.020	59	183241	255.63	ug/l	99
12) 1,1-Dichloroethene	2.349	96	116318	47.68	ug/l	97
13) Acrolein	2.270	56	94116	210.12	ug/l	98
14) Allyl chloride	2.703	41	214784	49.61	ug/l	92
15) Acrylonitrile	3.117	53	437323	265.18	ug/l	99
16) Acetone	2.422	43	332086	227.50	ug/l	98
17) Carbon Disulfide	2.544	76	315418	43.77	ug/l	100
18) Methyl Acetate	2.745	43	180703	55.50	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	449864	49.26	ug/l	99
20) Methylene Chloride	2.831	84	147447	44.81	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	132801	44.87	ug/l	99
22) Diisopropyl ether	3.824	45	443162	50.15	ug/l	94
23) Vinyl Acetate	3.782	43	1911926	253.86	ug/l	98
24) 1,1-Dichloroethane	3.666	63	251952	48.41	ug/l	98
25) 2-Butanone	4.635	43	557762	262.54	ug/l	98
26) 2,2-Dichloropropane	4.550	77	194151	45.21	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	158097	47.32	ug/l	100
28) Bromochloromethane	4.977	49	108767	46.93	ug/l	95
29) Tetrahydrofuran	5.086	42	360672	269.85	ug/l	96
30) Chloroform	5.178	83	249692	47.12	ug/l	99
31) Cyclohexane	5.544	56	215512	48.82	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	212198	48.02	ug/l	99
36) 1,1-Dichloropropene	5.763	75	182875	47.58	ug/l	98
37) Ethyl Acetate	4.794	43	210920	52.80	ug/l	99
38) Carbon Tetrachloride	5.751	117	178479	48.82	ug/l	99
39) Methylcyclohexane	7.440	83	213931	48.22	ug/l	97
40) Benzene	6.111	78	579658	48.44	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	115981	54.49	ug/l	97
42) 1,2-Dichloroethane	6.159	62	192186	46.82	ug/l	99
43) Isopropyl Acetate	6.409	43	332971	52.80	ug/l	99
44) Trichloroethene	7.184	130	143883	46.52	ug/l	96
45) 1,2-Dichloropropane	7.488	63	151492	50.09	ug/l	98
46) Dibromomethane	7.635	93	96868	46.83	ug/l	99
47) Bromodichloromethane	7.872	83	195721	49.63	ug/l	99
48) Methyl methacrylate	7.744	41	163593	52.93	ug/l	96
49) 1,4-Dioxane	7.714	88	79258	1095.62	ug/l	95
51) 4-Methyl-2-Pentanone	8.622	43	1071538	274.46	ug/l	100
52) Toluene	8.763	92	356842	48.87	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	219282	50.55	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	239414	50.27	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	146160	48.53	ug/l	99
56) Ethyl methacrylate	9.159	69	238644	54.15	ug/l	98
57) 1,3-Dichloropropane	9.354	76	252609	49.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	560731	240.51	ug/l	99
59) 2-Hexanone	9.470	43	819151	275.33	ug/l	100
60) Dibromochloromethane	9.561	129	150478	50.36	ug/l	99
61) 1,2-Dibromoethane	9.653	107	152678	48.55	ug/l	100
64) Tetrachloroethene	9.317	164	130149	47.43	ug/l	96
65) Chlorobenzene	10.122	112	374903	47.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	139685	49.82	ug/l	98
67) Ethyl Benzene	10.232	91	677952	49.63	ug/l	99
68) m/p-Xylenes	10.342	106	506726	99.38	ug/l	98
69) o-Xylene	10.683	106	245785	50.08	ug/l	100
70) Styrene	10.695	104	424898	51.22	ug/l	100
71) Bromoform	10.841	173	115577	53.23	ug/l #	100
73) Isopropylbenzene	11.000	105	660862	50.21	ug/l	100
74) N-amyl acetate	10.878	43	285829	53.87	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.250	83	240640	50.34	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	222689m	49.57	ug/l	
77) Bromobenzene	11.238	156	168627	48.47	ug/l	99
78) n-propylbenzene	11.341	91	758706	50.01	ug/l	100
79) 2-Chlorotoluene	11.402	91	464391	49.10	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	569254	51.02	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	76617	50.60	ug/l	95
82) 4-Chlorotoluene	11.494	91	534633	48.39	ug/l	99
83) tert-Butylbenzene	11.756	119	548896	51.27	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	565860	49.97	ug/l	100
85) sec-Butylbenzene	11.927	105	633899	51.30	ug/l	99
86) p-Isopropyltoluene	12.049	119	588662	51.66	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	299260	48.11	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	302739	46.65	ug/l	99
89) n-Butylbenzene	12.372	91	510692	51.16	ug/l	100
90) Hexachloroethane	12.579	117	95535	48.60	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	300277	48.52	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	52375	52.21	ug/l	98
93) 1,2,4-Trichlorobenzene	13.628	180	200472	50.37	ug/l	99
94) Hexachlorobutadiene	13.762	225	91676	54.61	ug/l	99
95) Naphthalene	13.817	128	689267	54.68	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	198847	50.50	ug/l	99

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

