

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020601.D
 Acq On : 14 Jan 2021 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:11:12 PM

Quant Time: Jan 15 05:07:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	183650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	272957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	257797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	106679	48.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.72%		
35) Dibromofluoromethane	5.458	113	93795	49.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.18%		
50) Toluene-d8	8.696	98	337637	49.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.78%		
62) 4-Bromofluorobenzene	11.116	95	128398	53.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.46%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	93303	51.50	ug/l	99
3) Chloromethane	1.313	50	81721	48.75	ug/l	100
4) Vinyl Chloride	1.392	62	95864	49.86	ug/l	100
5) Bromomethane	1.630	94	52218	40.22	ug/l	98
6) Chloroethane	1.709	64	63873	55.84	ug/l	99
7) Trichlorofluoromethane	1.910	101	161592	50.76	ug/l	100
8) Diethyl Ether	2.166	74	57771	50.93	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	92134	51.58	ug/l	96
10) Methyl Iodide	2.489	142	127684	51.26	ug/l	98
11) Tert butyl alcohol	3.038	59	87608	215.87	ug/l	98
12) 1,1-Dichloroethene	2.355	96	86157	49.14	ug/l	93
13) Acrolein	2.270	56	66222	216.59	ug/l	100
14) Allyl chloride	2.703	41	117033	48.04	ug/l	96
15) Acrylonitrile	3.111	53	231409	247.07	ug/l	99
16) Acetone	2.416	43	208668	277.25	ug/l	99
17) Carbon Disulfide	2.550	76	233375	48.28	ug/l	99
18) Methyl Acetate	2.745	43	95580	48.91	ug/l	94
19) Methyl tert-butyl Ether	3.160	73	287265	50.51	ug/l	98
20) Methylene Chloride	2.831	84	99594	47.79	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	97907	49.71	ug/l	91
22) Diisopropyl ether	3.818	45	251758	51.18	ug/l	94
23) Vinyl Acetate	3.776	43	1060498	252.61	ug/l	97
24) 1,1-Dichloroethane	3.666	63	159285	48.76	ug/l	98
25) 2-Butanone	4.623	43	305429	256.19	ug/l	98
26) 2,2-Dichloropropane	4.544	77	147036	48.39	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	107929	49.11	ug/l	95
28) Bromochloromethane	4.977	49	63001	47.36	ug/l	86
29) Tetrahydrofuran	5.080	42	185087	254.88	ug/l	94
30) Chloroform	5.172	83	178671	48.91	ug/l	97
31) Cyclohexane	5.544	56	132777	51.23	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	161486	49.15	ug/l	98
36) 1,1-Dichloropropene	5.763	75	128048	51.34	ug/l	98
37) Ethyl Acetate	4.788	43	112902	49.84	ug/l	99
38) Carbon Tetrachloride	5.751	117	145456	49.98	ug/l	99
39) Methylcyclohexane	7.434	83	153275	53.81	ug/l	97
40) Benzene	6.111	78	380623	50.78	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	60932	51.39	ug/l	95
42) 1,2-Dichloroethane	6.153	62	135332	50.64	ug/l	100
43) Isopropyl Acetate	6.403	43	175077	49.85	ug/l	98
44) Trichloroethene	7.184	130	111782	50.18	ug/l	97
45) 1,2-Dichloropropane	7.482	63	94030	51.14	ug/l	99
46) Dibromomethane	7.635	93	70450	50.46	ug/l	96
47) Bromodichloromethane	7.873	83	143719	50.43	ug/l	99
48) Methyl methacrylate	7.738	41	89351	52.34	ug/l	95
49) 1,4-Dioxane	7.720	88	46542	1081.43	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	569012	261.22	ug/l	98
52) Toluene	8.763	92	247174	51.86	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	147287	50.75	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	161347	51.91	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	102084	50.69	ug/l	97
56) Ethyl methacrylate	9.153	69	134047	51.34	ug/l	97
57) 1,3-Dichloropropane	9.348	76	165742	50.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	375325	274.14	ug/l	94
59) 2-Hexanone	9.470	43	448273	274.51	ug/l	99
60) Dibromochloromethane	9.561	129	114327	50.26	ug/l	100
61) 1,2-Dibromoethane	9.653	107	110489	51.43	ug/l	100
64) Tetrachloroethene	9.311	164	116400	49.99	ug/l	94
65) Chlorobenzene	10.116	112	275266	50.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	107067	51.70	ug/l	98
67) Ethyl Benzene	10.232	91	485410	54.35	ug/l	99
68) m/p-Xylenes	10.342	106	375964	109.22	ug/l	99
69) o-Xylene	10.683	106	172249	54.31	ug/l	99
70) Styrene	10.695	104	300942	55.59	ug/l	100
71) Bromoform	10.835	173	85216	50.70	ug/l	100
73) Isopropylbenzene	11.000	105	475810	51.46	ug/l	98
74) N-amyl acetate	10.878	43	144592	44.44	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.250	83	151711	50.38	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	122669m	42.46	ug/l	
77) Bromobenzene	11.238	156	122960	49.64	ug/l	94
78) n-propylbenzene	11.341	91	552617	54.08	ug/l	99
79) 2-Chlorotoluene	11.402	91	329847	52.32	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	407386	52.59	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	49833	47.00	ug/l	99
82) 4-Chlorotoluene	11.494	91	383869	51.31	ug/l	100
83) tert-Butylbenzene	11.750	119	384936	51.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	421025	54.36	ug/l	99
85) sec-Butylbenzene	11.927	105	462703	53.29	ug/l	99
86) p-Isopropyltoluene	12.043	119	431126	53.47	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	218247	48.21	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	219277	47.24	ug/l	99
89) n-Butylbenzene	12.372	91	370127	53.04	ug/l	99
90) Hexachloroethane	12.579	117	71652	47.11	ug/l	95
91) 1,2-Dichlorobenzene	12.372	146	220315	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	35313	49.95	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	156062	52.37	ug/l	98
94) Hexachlorobutadiene	13.762	225	70638	46.50	ug/l	98
95) Naphthalene	13.817	128	477824	47.32	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	149973	49.49	ug/l	100

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

