

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021020.D
 Acq On : 04 Mar 2021 17:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:10:23 AM

Quant Time: Mar 05 01:23:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	223462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	381196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	351202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	157068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	144485	47.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.74%			
35) Dibromofluoromethane	5.464	113	118185	51.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.06%			
50) Toluene-d8	8.694	98	471326	52.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.38%			
62) 4-Bromofluorobenzene	11.117	95	170582	51.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.18%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	109632	45.37	ug/l	99
3) Chloromethane	1.310	50	136403	50.81	ug/l	99
4) Vinyl Chloride	1.393	62	151305	48.95	ug/l	100
5) Bromomethane	1.622	94	57535	56.55	ug/l	99
6) Chloroethane	1.710	64	97934	50.64	ug/l	100
7) Trichlorofluoromethane	1.916	101	190486	48.82	ug/l	97
8) Diethyl Ether	2.169	74	88333	48.79	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.369	101	112557	46.83	ug/l	99
10) Methyl Iodide	2.493	142	157919	48.90	ug/l	97
11) Tert butyl alcohol	3.011	59	125437	186.62	ug/l	99
12) 1,1-Dichloroethene	2.357	96	119591	47.81	ug/l	100
13) Acrolein	2.269	56	108406	260.46	ug/l	99
14) Allyl chloride	2.705	41	190592	46.63	ug/l	99
15) Acrylonitrile	3.111	53	345569	240.95	ug/l	99
16) Acetone	2.416	43	265850	213.75	ug/l	98
17) Carbon Disulfide	2.552	76	324087	45.48	ug/l	99
18) Methyl Acetate	2.746	43	139826	47.53	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	432014	48.35	ug/l	100
20) Methylene Chloride	2.834	84	141444	47.41	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	133618	47.56	ug/l	99
22) Diisopropyl ether	3.822	45	398941	48.54	ug/l	97
23) Vinyl Acetate	3.781	43	1686764	240.02	ug/l	100
24) 1,1-Dichloroethane	3.669	63	241584	49.91	ug/l	100
25) 2-Butanone	4.628	43	431691	228.48	ug/l	100
26) 2,2-Dichloropropane	4.546	77	190714	43.39	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	154909	47.86	ug/l	100
28) Bromochloromethane	4.981	49	103630	50.05	ug/l	98
29) Tetrahydrofuran	5.081	42	276492	227.99	ug/l	99
30) Chloroform	5.176	83	238705	48.95	ug/l	97
31) Cyclohexane	5.546	56	208450	47.70	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	204637	48.18	ug/l	98
36) 1,1-Dichloropropene	5.770	75	185396	51.17	ug/l	99
37) Ethyl Acetate	4.787	43	172264	49.98	ug/l	99
38) Carbon Tetrachloride	5.752	117	172357	49.10	ug/l	95
39) Methylcyclohexane	7.441	83	214457	47.20	ug/l	99
40) Benzene	6.111	78	552368	50.86	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	98370	50.74	ug/l	99
42) 1,2-Dichloroethane	6.158	62	191565	53.05	ug/l	99
43) Isopropyl Acetate	6.411	43	286990	48.95	ug/l	99
44) Trichloroethene	7.188	130	152883	53.54	ug/l	99
45) 1,2-Dichloropropane	7.488	63	143730	52.81	ug/l	97
46) Dibromomethane	7.635	93	94139	51.36	ug/l	99
47) Bromodichloromethane	7.876	83	195506	51.22	ug/l	99
48) Methyl methacrylate	7.741	41	148459	50.47	ug/l	98
49) 1,4-Dioxane	7.711	88	55380	806.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.617	43	862677	252.69	ug/l	100
52) Toluene	8.764	92	359488	53.15	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	221274	51.69	ug/l	96
54) cis-1,3-Dichloropropene	8.411	75	242131	51.63	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	141612	52.99	ug/l	98
56) Ethyl methacrylate	9.158	69	221280	51.15	ug/l	99
57) 1,3-Dichloropropane	9.353	76	245732	53.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	562030	265.68	ug/l	98
59) 2-Hexanone	9.470	43	626858	244.73	ug/l	100
60) Dibromochloromethane	9.564	129	154148	54.66	ug/l	99
61) 1,2-Dibromoethane	9.653	107	150633	53.76	ug/l	99
64) Tetrachloroethene	9.317	164	143245	56.51	ug/l	95
65) Chlorobenzene	10.123	112	376780	50.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	138549	50.79	ug/l	96
67) Ethyl Benzene	10.235	91	684756	51.06	ug/l	99
68) m/p-Xylenes	10.341	106	511865	103.73	ug/l	98
69) o-Xylene	10.682	106	246614	51.21	ug/l	98
70) Styrene	10.694	104	424604	51.39	ug/l	99
71) Bromoform	10.841	173	108827	51.63	ug/l	99
73) Isopropylbenzene	11.000	105	653032	52.64	ug/l	100
74) N-amyl acetate	10.882	43	244731	48.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	196195	49.06	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	170990m	50.60	ug/l	
77) Bromobenzene	11.235	156	156479	54.20	ug/l	99
78) n-propylbenzene	11.341	91	722178	51.05	ug/l	100
79) 2-Chlorotoluene	11.406	91	435197	50.77	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	538963	52.21	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	70049	45.90	ug/l	96
82) 4-Chlorotoluene	11.494	91	504723	51.08	ug/l	99
83) tert-Butylbenzene	11.753	119	498114	49.60	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	546809	52.18	ug/l	99
85) sec-Butylbenzene	11.929	105	598371	50.56	ug/l	99
86) p-Isopropyltoluene	12.047	119	550879	50.79	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	275364	53.29	ug/l	98
88) 1,4-Dichlorobenzene	12.082	146	280715	53.32	ug/l	99
89) n-Butylbenzene	12.371	91	471415	48.68	ug/l	99
90) Hexachloroethane	12.576	117	94310	45.54	ug/l	92
91) 1,2-Dichlorobenzene	12.376	146	261064	51.75	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.982	75	42960	46.91	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	164035	50.69	ug/l	99
94) Hexachlorobutadiene	13.765	225	62673	48.36	ug/l	99
95) Naphthalene	13.818	128	588126	51.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	168584	52.47	ug/l	99

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

