

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021123.D
 Acq On : 09 Mar 2021 21:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:43:24 PM

Quant Time: Mar 10 00:35:46 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	5.635	168	205653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	343211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	318956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	153667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134595	48.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.90%		
35) Dibromofluoromethane	5.458	113	110834	53.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.30%		
50) Toluene-d8	8.694	98	435733	53.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.18%		
62) 4-Bromofluorobenzene	11.118	95	155505	51.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.44%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	95234	42.83	ug/l	100
3) Chloromethane	1.311	50	119952	48.55	ug/l	99
4) Vinyl Chloride	1.393	62	137184	48.23	ug/l	98
5) Bromomethane	1.622	94	48031	50.64	ug/l	99
6) Chloroethane	1.705	64	90388	50.79	ug/l	98
7) Trichlorofluoromethane	1.911	101	173258	48.25	ug/l	98
8) Diethyl Ether	2.170	74	80971	48.60	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	102236	46.22	ug/l	98
10) Methyl Iodide	2.487	142	134471	45.24	ug/l	99
11) Tert butyl alcohol	3.017	59	122210	197.56	ug/l	99
12) 1,1-Dichloroethene	2.352	96	105386	45.78	ug/l	96
13) Acrolein	2.270	56	84577	220.80	ug/l	98
14) Allyl chloride	2.705	41	170231	45.26	ug/l	99
15) Acrylonitrile	3.111	53	310651	235.36	ug/l	99
16) Acetone	2.417	43	240550	210.16	ug/l	98
17) Carbon Disulfide	2.552	76	285683	43.56	ug/l	100
18) Methyl Acetate	2.746	43	131813	48.69	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	388893	47.30	ug/l	100
20) Methylene Chloride	2.834	84	129276	47.08	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	120306	46.53	ug/l	97
22) Diisopropyl ether	3.823	45	362581	47.94	ug/l	98
23) Vinyl Acetate	3.782	43	1497004	231.47	ug/l	99
24) 1,1-Dichloroethane	3.670	63	217743	48.88	ug/l	99
25) 2-Butanone	4.629	43	390690	224.69	ug/l	99
26) 2,2-Dichloropropane	4.546	77	160934	39.78	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	141643	47.55	ug/l	99
28) Bromochloromethane	4.976	49	95160	49.94	ug/l	98
29) Tetrahydrofuran	5.088	42	252959	226.65	ug/l	99
30) Chloroform	5.176	83	220123	49.05	ug/l	100
31) Cyclohexane	5.552	56	184980	45.99	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	188408	48.20	ug/l	98
36) 1,1-Dichloropropene	5.770	75	165449	50.71	ug/l	99
37) Ethyl Acetate	4.793	43	151970	48.97	ug/l	99
38) Carbon Tetrachloride	5.758	117	156135	49.40	ug/l	98
39) Methylcyclohexane	7.441	83	199112	48.68	ug/l	97
40) Benzene	6.111	78	505602	51.71	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	87125	49.91	ug/l	99
42) 1,2-Dichloroethane	6.158	62	174254	53.60	ug/l	99
43) Isopropyl Acetate	6.411	43	256880	48.67	ug/l	100
44) Trichloroethene	7.188	130	140329	54.58	ug/l	93
45) 1,2-Dichloropropane	7.488	63	130868	53.40	ug/l	99
46) Dibromomethane	7.635	93	87389	52.96	ug/l	100
47) Bromodichloromethane	7.876	83	182825	53.20	ug/l	99
48) Methyl methacrylate	7.747	41	135803	51.28	ug/l	99
49) 1,4-Dioxane	7.717	88	60244	974.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	790009	257.02	ug/l	100
52) Toluene	8.765	92	326967	53.69	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	199061	51.65	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	217351	51.48	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	136548	56.75	ug/l	95
56) Ethyl methacrylate	9.159	69	202067	51.88	ug/l	99
57) 1,3-Dichloropropane	9.353	76	225704	54.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	529787	278.16	ug/l	100
59) 2-Hexanone	9.471	43	578595	250.89	ug/l	99
60) Dibromochloromethane	9.565	129	142097	55.96	ug/l	98
61) 1,2-Dibromoethane	9.653	107	138146	54.76	ug/l	97
64) Tetrachloroethene	9.318	164	129060	56.06	ug/l	96
65) Chlorobenzene	10.124	112	356075	53.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	127918	51.63	ug/l	98
67) Ethyl Benzene	10.235	91	625619	51.37	ug/l	98
68) m/p-Xylenes	10.341	106	475212	106.04	ug/l	96
69) o-Xylene	10.682	106	230703	52.74	ug/l	96
70) Styrene	10.694	104	390716	52.07	ug/l	99
71) Bromoform	10.841	173	101716	53.13	ug/l #	98
73) Isopropylbenzene	11.000	105	607548	50.06	ug/l	99
74) N-amyl acetate	10.883	43	221658	45.10	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	185519	47.41	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	160873m	48.66	ug/l	
77) Bromobenzene	11.236	156	149643	52.98	ug/l	94
78) n-propylbenzene	11.341	91	681456	49.23	ug/l	100
79) 2-Chlorotoluene	11.406	91	408597	48.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	502924	49.79	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	62159	41.63	ug/l	98
82) 4-Chlorotoluene	11.494	91	470162	48.64	ug/l	99
83) tert-Butylbenzene	11.753	119	466691	47.50	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	503015	49.07	ug/l	100
85) sec-Butylbenzene	11.930	105	579223	50.02	ug/l	100
86) p-Isopropyltoluene	12.047	119	503305	47.43	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	259444	51.32	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	269524	52.33	ug/l	98
89) n-Butylbenzene	12.371	91	445158	46.99	ug/l	99
90) Hexachloroethane	12.583	117	93996	46.39	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	248376	50.33	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	40710	45.44	ug/l	95
93) 1,2,4-Trichlorobenzene	13.624	180	160768	50.78	ug/l	99
94) Hexachlorobutadiene	13.765	225	58294	45.98	ug/l	97
95) Naphthalene	13.818	128	550716	48.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	157497	50.11	ug/l	99

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

