

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022103.D
 Acq On : 21 May 2021 09:53
 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
 5/24/2021 3:50:10 PM

Quant Time: May 22 04:32:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	101825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71868	45.75	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.50%
35) Dibromofluoromethane	5.391	113	57480	46.66	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.32%
50) Toluene-d8	8.653	98	216276	45.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.16%#
62) 4-Bromofluorobenzene	11.085	95	80620	45.96	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.92%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	62188	50.24	ug/l	100
3) Chloromethane	1.294	50	65179	48.81	ug/l	99
4) Vinyl Chloride	1.374	62	73115	51.75	ug/l	97
5) Bromomethane	1.605	94	33793	41.02	ug/l	98
6) Chloroethane	1.685	64	44707	53.14	ug/l	98
7) Trichlorofluoromethane	1.886	101	103921	51.15	ug/l	100
8) Diethyl Ether	2.136	74	43804	50.14	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	61997	51.39	ug/l	94
10) Methyl Iodide	2.453	142	62092	47.89	ug/l	94
11) Tert butyl alcohol	2.977	59	84738	235.87	ug/l	99
12) 1,1-Dichloroethene	2.319	96	60092	51.49	ug/l	97
13) Acrolein	2.239	56	55584	233.28	ug/l	98
14) Allyl chloride	2.666	41	109279	50.98	ug/l	97
15) Acrylonitrile	3.068	53	174104	246.16	ug/l	100
16) Acetone	2.386	43	180395	263.76	ug/l	98
17) Carbon Disulfide	2.514	76	149801	49.01	ug/l	99
18) Methyl Acetate	2.703	43	87465	48.09	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	204996	51.28	ug/l	98
20) Methylene Chloride	2.794	84	69741	45.93	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	65315	51.45	ug/l	96
22) Diisopropyl ether	3.763	45	209622	50.78	ug/l	95
23) Vinyl Acetate	3.727	43	1011980	254.59	ug/l	97
24) 1,1-Dichloroethane	3.611	63	123931	51.15	ug/l	98
25) 2-Butanone	4.562	43	283895	256.58	ug/l	96
26) 2,2-Dichloropropane	4.483	77	113180	52.63	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	79101	51.24	ug/l	99
28) Bromochloromethane	4.903	49	56549	48.11	ug/l	86
29) Tetrahydrofuran	5.007	42	155505	236.13	ug/l	92
30) Chloroform	5.099	83	125836	50.27	ug/l	96
31) Cyclohexane	5.470	56	99511	50.42	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	111742	52.24	ug/l	99
36) 1,1-Dichloropropene	5.696	75	94891	52.83	ug/l	99
37) Ethyl Acetate	4.721	43	104107	47.28	ug/l	96
38) Carbon Tetrachloride	5.684	117	94846	53.98	ug/l	100
39) Methylcyclohexane	7.385	83	104660	51.37	ug/l	97
40) Benzene	6.043	78	280707	50.79	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57619	48.91	ug/l	96
42) 1,2-Dichloroethane	6.092	62	98498	50.87	ug/l	99
43) Isopropyl Acetate	6.342	43	179327	49.79	ug/l	95
44) Trichloroethene	7.129	130	71404	51.99	ug/l	91
45) 1,2-Dichloropropane	7.434	63	74082	52.54	ug/l	99
46) Dibromomethane	7.580	93	49918	52.19	ug/l #	86
47) Bromodichloromethane	7.824	83	102558	53.58	ug/l	99
48) Methyl methacrylate	7.696	41	83741	50.45	ug/l	93
49) 1,4-Dioxane	7.665	88	31893	986.87	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	537533	249.15	ug/l	92
52) Toluene	8.720	92	177018	50.57	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	115960	52.48	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	124346	52.35	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	71423	50.27	ug/l	98
56) Ethyl methacrylate	9.116	69	115624	50.35	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	124711	51.41	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	270455	217.76	ug/l	98
59) 2-Hexanone	9.433	43	416527	256.70	ug/l	92
60) Dibromochloromethane	9.525	129	75358	54.51	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74303	52.52	ug/l	98
64) Tetrachloroethene	9.275	164	62595	55.70	ug/l	91
65) Chlorobenzene	10.079	112	184331	51.74	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66592	53.79	ug/l	97
67) Ethyl Benzene	10.195	91	340355	51.93	ug/l	99
68) m/p-Xylenes	10.305	106	258274	104.27	ug/l	99
69) o-Xylene	10.646	106	124004	51.47	ug/l	99
70) Styrene	10.659	104	212782	53.91	ug/l	98
71) Bromoform	10.799	173	46639	49.18	ug/l #	99
73) Isopropylbenzene	10.963	105	329608	49.61	ug/l	99
74) N-amyl acetate	10.841	43	156891	49.75	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	106770	48.49	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99794m	51.53	ug/l	
77) Bromobenzene	11.201	156	68932	48.94	ug/l	88
78) n-propylbenzene	11.305	91	400153	51.42	ug/l	99
79) 2-Chlorotoluene	11.366	91	229307	48.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	280694	50.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	40682	49.78	ug/l	96
82) 4-Chlorotoluene	11.457	91	267811	49.25	ug/l	98
83) tert-Butylbenzene	11.719	119	261786	49.57	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	284221	51.28	ug/l	99
85) sec-Butylbenzene	11.896	105	343762	51.23	ug/l	98
86) p-Isopropyltoluene	12.012	119	294578	51.97	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136766	50.36	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	138128	49.20	ug/l	96
89) n-Butylbenzene	12.335	91	281403	53.67	ug/l	98
90) Hexachloroethane	12.542	117	49056	52.37	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	132671	50.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24365	51.71	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	85652	54.41	ug/l	98
94) Hexachlorobutadiene	13.725	225	32369	52.68	ug/l	99
95) Naphthalene	13.780	128	324949	52.93	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82081	51.73	ug/l	98

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

