

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022052.D
 Acq On : 17 May 2021 23:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 5/20/2021 5:57:06 PM

Quant Time: May 18 02:25:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	79578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	66731	50.95	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.90%		
35) Dibromofluoromethane	5.397	113	51715	48.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.58%		
50) Toluene-d8	8.653	98	195290	47.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.58%		
62) 4-Bromofluorobenzene	11.085	95	75270	46.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.34%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51246	48.91	ug/l	100
3) Chloromethane	1.294	50	59957	47.66	ug/l	100
4) Vinyl Chloride	1.374	62	62997	43.36	ug/l	99
5) Bromomethane	1.611	94	31532	59.48	ug/l	97
6) Chloroethane	1.685	64	36505	48.31	ug/l	99
7) Trichlorofluoromethane	1.886	101	88999	44.44	ug/l	97
8) Diethyl Ether	2.136	74	37436	44.53	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	51080	50.16	ug/l	93
10) Methyl Iodide	2.453	142	56400	46.60	ug/l	96
11) Tert butyl alcohol	2.995	59	76666	219.40	ug/l	100
12) 1,1-Dichloroethene	2.325	96	52213	48.38	ug/l	96
13) Acrolein	2.246	56	40678	285.68	ug/l	98
14) Allyl chloride	2.666	41	92436	46.75	ug/l	97
15) Acrylonitrile	3.075	53	159581	243.04	ug/l	100
16) Acetone	2.392	43	141775	241.37	ug/l	99
17) Carbon Disulfide	2.514	76	133404	44.45	ug/l	100
18) Methyl Acetate	2.709	43	83488	51.26	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	178133	51.49	ug/l	99
20) Methylene Chloride	2.794	84	61490	50.76	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	57438	49.88	ug/l	98
22) Diisopropyl ether	3.770	45	181598	49.32	ug/l	98
23) Vinyl Acetate	3.727	43	881624	243.35	ug/l	95
24) 1,1-Dichloroethane	3.617	63	108603	51.32	ug/l	99
25) 2-Butanone	4.568	43	244817	242.20	ug/l	95
26) 2,2-Dichloropropane	4.483	77	81567	43.06	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	67755	49.84	ug/l	99
28) Bromochloromethane	4.910	49	50689	52.42	ug/l	85
29) Tetrahydrofuran	5.013	42	145193	241.73	ug/l	92
30) Chloroform	5.105	83	109217	50.60	ug/l	99
31) Cyclohexane	5.477	56	85088	49.18	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	96353	50.86	ug/l	99
36) 1,1-Dichloropropene	5.702	75	81394	49.14	ug/l	97
37) Ethyl Acetate	4.721	43	98189	49.07	ug/l	95
38) Carbon Tetrachloride	5.684	117	80297	48.48	ug/l	97
39) Methylcyclohexane	7.385	83	87917	47.29	ug/l	98
40) Benzene	6.044	78	247470	49.62	ug/l	98

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41) Methacrylonitrile	4.934	41	51129	47.32	ug/l	96
42) 1,2-Dichloroethane	6.098	62	87658	51.29	ug/l	99
43) Isopropyl Acetate	6.348	43	161227	47.64	ug/l	95
44) Trichloroethene	7.135	130	61550	50.80	ug/l	91
45) 1,2-Dichloropropane	7.440	63	64064	49.05	ug/l	99
46) Dibromomethane	7.586	93	43592	49.33	ug/l #	88
47) Bromodichloromethane	7.830	83	87975	49.37	ug/l	96
48) Methyl methacrylate	7.702	41	75839	48.70	ug/l	93
49) 1,4-Dioxane	7.690	88	28207	861.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	497916	236.26	ug/l	92
52) Toluene	8.726	92	156261	49.08	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	97685	47.04	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	105905	48.69	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	64025	50.31	ug/l	98
56) Ethyl methacrylate	9.122	69	105652	47.26	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	110834	50.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	276560	252.59	ug/l	97
59) 2-Hexanone	9.433	43	363849	224.12	ug/l	92
60) Dibromochloromethane	9.525	129	65683	47.89	ug/l	100
61) 1,2-Dibromoethane	9.616	107	67421	50.80	ug/l	97
64) Tetrachloroethene	9.281	164	51507	57.06	ug/l	95
65) Chlorobenzene	10.086	112	164283	50.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	58922	49.34	ug/l	98
67) Ethyl Benzene	10.195	91	299035	49.89	ug/l	99
68) m/p-Xylenes	10.305	106	224771	98.11	ug/l	100
69) o-Xylene	10.646	106	110331	48.25	ug/l	99
70) Styrene	10.659	104	184856	48.63	ug/l	98
71) Bromoform	10.805	173	41417	45.59	ug/l #	99
73) Isopropylbenzene	10.963	105	288048	51.63	ug/l	100
74) N-amyl acetate	10.848	43	136599	45.68	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	97004	46.87	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	86378m	49.24	ug/l	
77) Bromobenzene	11.201	156	61860	51.48	ug/l	89
78) n-propylbenzene	11.305	91	336592	50.93	ug/l	99
79) 2-Chlorotoluene	11.366	91	199861	49.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	241310	50.33	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	33588	44.41	ug/l	98
82) 4-Chlorotoluene	11.457	91	228692	49.34	ug/l	97
83) tert-Butylbenzene	11.719	119	228596	49.19	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	242393	50.41	ug/l	99
85) sec-Butylbenzene	11.896	105	291298	51.05	ug/l	98
86) p-Isopropyltoluene	12.012	119	246121	50.61	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	114147	50.27	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	115502	49.17	ug/l	97
89) n-Butylbenzene	12.335	91	225472	50.28	ug/l	99
90) Hexachloroethane	12.542	117	42022	47.81	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	111739	49.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21814	48.45	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	66538	49.30	ug/l	97
94) Hexachlorobutadiene	13.725	225	25013	47.50	ug/l	96
95) Naphthalene	13.780	128	274297	49.59	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67812	49.56	ug/l	97

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

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