

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021980.D
 Acq On : 13 May 2021 20:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:48:36 PM

Quant Time: May 14 04:41:29 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	81411	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	160255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65532	48.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.82%		
35) Dibromofluoromethane	5.397	113	52242	47.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.14%		
50) Toluene-d8	8.653	98	195618	46.68	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.36%		
62) 4-Bromofluorobenzene	11.085	95	75248	45.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.98%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	54249	50.61	ug/l	98
3) Chloromethane	1.294	50	60808	47.24	ug/l	99
4) Vinyl Chloride	1.373	62	67755	45.59	ug/l	97
5) Bromomethane	1.605	94	25325	46.69	ug/l	94
6) Chloroethane	1.684	64	42256	54.66	ug/l	100
7) Trichlorofluoromethane	1.886	101	91656	44.73	ug/l	96
8) Diethyl Ether	2.136	74	40640	47.25	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	52072	49.98	ug/l	94
10) Methyl Iodide	2.453	142	47906	38.69	ug/l	97
11) Tert butyl alcohol	2.977	59	79579	222.61	ug/l	99
12) 1,1-Dichloroethene	2.318	96	52760	47.79	ug/l	95
13) Acrolein	2.239	56	27834	187.06	ug/l	98
14) Allyl chloride	2.666	41	95291	47.11	ug/l	97
15) Acrylonitrile	3.068	53	158138	235.42	ug/l	99
16) Acetone	2.386	43	141253	235.06	ug/l	97
17) Carbon Disulfide	2.514	76	146522	47.72	ug/l	99
18) Methyl Acetate	2.709	43	80195	48.13	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	181276	51.22	ug/l	99
20) Methylene Chloride	2.794	84	62428	50.38	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	58058	49.29	ug/l	99
22) Diisopropyl ether	3.769	45	181335	48.14	ug/l	97
23) Vinyl Acetate	3.727	43	891974	240.66	ug/l	96
24) 1,1-Dichloroethane	3.617	63	109158	50.42	ug/l	100
25) 2-Butanone	4.568	43	245520	237.43	ug/l	94
26) 2,2-Dichloropropane	4.483	77	85817	44.29	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	69187	49.75	ug/l	99
28) Bromochloromethane	4.909	49	49631	50.17	ug/l	87
29) Tetrahydrofuran	5.013	42	139934	227.73	ug/l	94
30) Chloroform	5.105	83	110255	49.93	ug/l	98
31) Cyclohexane	5.483	56	86789	49.04	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	98638	50.90	ug/l	99
36) 1,1-Dichloropropene	5.702	75	81305	47.86	ug/l	98
37) Ethyl Acetate	4.720	43	94032	45.82	ug/l	97
38) Carbon Tetrachloride	5.684	117	83439	49.12	ug/l	98
39) Methylcyclohexane	7.385	83	88860	46.60	ug/l	99
40) Benzene	6.043	78	251581	49.19	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51265	46.26	ug/l	96
42) 1,2-Dichloroethane	6.098	62	87302	49.81	ug/l	100
43) Isopropyl Acetate	6.348	43	161461	46.52	ug/l	95
44) Trichloroethene	7.129	130	61582	49.55	ug/l	91
45) 1,2-Dichloropropane	7.439	63	64880	48.44	ug/l	98
46) Dibromomethane	7.586	93	44161	48.72	ug/l #	88
47) Bromodichloromethane	7.824	83	91438	50.03	ug/l	99
48) Methyl methacrylate	7.696	41	75661	47.37	ug/l	92
49) 1,4-Dioxane	7.671	88	31090	925.33	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	487542	225.56	ug/l	93
52) Toluene	8.726	92	157681	48.29	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	101076	47.46	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	107783	48.31	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	64261	49.24	ug/l	98
56) Ethyl methacrylate	9.122	69	107612	46.93	ug/l	93
57) 1,3-Dichloropropane	9.311	76	112389	50.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	267375	238.10	ug/l	99
59) 2-Hexanone	9.433	43	362054	217.44	ug/l	92
60) Dibromochloromethane	9.524	129	66698	47.42	ug/l	98
61) 1,2-Dibromoethane	9.616	107	66736	49.03	ug/l	100
64) Tetrachloroethene	9.281	164	49450	53.11	ug/l	91
65) Chlorobenzene	10.085	112	164384	48.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60110	48.80	ug/l	97
67) Ethyl Benzene	10.195	91	299251	48.40	ug/l	98
68) m/p-Xylenes	10.305	106	226046	95.65	ug/l	99
69) o-Xylene	10.646	106	111514	47.28	ug/l	100
70) Styrene	10.658	104	186914	47.67	ug/l	99
71) Bromoform	10.805	173	43547	46.48	ug/l #	98
73) Isopropylbenzene	10.963	105	289765	51.24	ug/l	100
74) N-amyl acetate	10.847	43	142636	47.06	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	100301	47.81	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	87583m	49.25	ug/l	
77) Bromobenzene	11.201	156	63289	51.95	ug/l	92
78) n-propylbenzene	11.305	91	338272	50.49	ug/l	99
79) 2-Chlorotoluene	11.366	91	201079	49.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	242859	49.96	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35084	45.76	ug/l	95
82) 4-Chlorotoluene	11.457	91	233100	49.61	ug/l	96
83) tert-Butylbenzene	11.719	119	233376	49.54	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	246281	50.52	ug/l	100
85) sec-Butylbenzene	11.896	105	296323	51.23	ug/l	98
86) p-Isopropyltoluene	12.012	119	251582	51.03	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	119523	51.93	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	117880	49.51	ug/l	96
89) n-Butylbenzene	12.335	91	226813	49.89	ug/l	99
90) Hexachloroethane	12.542	117	43488	48.80	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	115072	50.65	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22153	48.54	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	72542	53.02	ug/l	94
94) Hexachlorobutadiene	13.725	225	26743	50.09	ug/l	99
95) Naphthalene	13.780	128	293735	52.39	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71411	51.49	ug/l	97

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

