

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021994.D
 Acq On : 14 May 2021 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 2:34:19 PM

Quant Time: May 15 01:05:02 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	5.556	168	85081	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	161843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67211	48.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.00%		
35) Dibromofluoromethane	5.391	113	52857	47.66	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.32%		
50) Toluene-d8	8.653	98	207171	48.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.90%		
62) 4-Bromofluorobenzene	11.085	95	81641	48.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	56043	50.03	ug/l	99
3) Chloromethane	1.288	50	61204	45.50	ug/l	97
4) Vinyl Chloride	1.374	62	66200	42.62	ug/l	98
5) Bromomethane	1.599	94	26438	46.64	ug/l	98
6) Chloroethane	1.678	64	42909	53.11	ug/l	97
7) Trichlorofluoromethane	1.886	101	93323	43.58	ug/l	99
8) Diethyl Ether	2.136	74	39705	44.18	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	54686	50.22	ug/l	94
10) Methyl Iodide	2.453	142	52115	40.27	ug/l	98
11) Tert butyl alcohol	2.971	59	74487	199.38	ug/l	100
12) 1,1-Dichloroethene	2.319	96	52654	45.64	ug/l	97
13) Acrolein	2.239	56	31494	203.53	ug/l	100
14) Allyl chloride	2.666	41	94944	44.91	ug/l	98
15) Acrylonitrile	3.062	53	151931	216.43	ug/l	100
16) Acetone	2.380	43	132759	211.40	ug/l	97
17) Carbon Disulfide	2.514	76	144226	44.95	ug/l	99
18) Methyl Acetate	2.703	43	77751	44.65	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	178184	48.17	ug/l	99
20) Methylene Chloride	2.794	84	62596	48.34	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	58121	47.21	ug/l	96
22) Diisopropyl ether	3.763	45	180476	45.85	ug/l	91
23) Vinyl Acetate	3.727	43	878983	226.92	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108692	48.04	ug/l	98
25) 2-Butanone	4.562	43	231769	214.47	ug/l	95
26) 2,2-Dichloropropane	4.477	77	94251	46.54	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	69943	48.12	ug/l	99
28) Bromochloromethane	4.903	49	50609	48.96	ug/l	88
29) Tetrahydrofuran	5.013	42	135571	211.11	ug/l	93
30) Chloroform	5.099	83	109661	47.52	ug/l	99
31) Cyclohexane	5.477	56	89645	48.47	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	97978	48.37	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84388	49.19	ug/l	97
37) Ethyl Acetate	4.721	43	91704	44.25	ug/l	95
38) Carbon Tetrachloride	5.684	117	83703	48.79	ug/l	97
39) Methylcyclohexane	7.385	83	94893	49.28	ug/l	99
40) Benzene	6.044	78	252157	48.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50652	45.26	ug/l	95
42) 1,2-Dichloroethane	6.092	62	88298	49.88	ug/l	98
43) Isopropyl Acetate	6.342	43	156145	44.54	ug/l	96
44) Trichloroethene	7.129	130	63551	50.64	ug/l	95
45) 1,2-Dichloropropane	7.434	63	64875	47.96	ug/l	99
46) Dibromomethane	7.580	93	44167	48.25	ug/l	88
47) Bromodichloromethane	7.824	83	89027	48.23	ug/l	97
48) Methyl methacrylate	7.696	41	73176	45.37	ug/l	94
49) 1,4-Dioxane	7.665	88	28913	852.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	474873	217.54	ug/l	93
52) Toluene	8.720	92	160812	48.77	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	102895	47.84	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	108073	47.97	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	64072	48.61	ug/l	99
56) Ethyl methacrylate	9.122	69	106599	46.03	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	110827	49.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	268410	236.68	ug/l	99
59) 2-Hexanone	9.433	43	357510	212.61	ug/l	92
60) Dibromochloromethane	9.525	129	65865	46.37	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66118	48.10	ug/l	99
64) Tetrachloroethene	9.275	164	52737	56.56	ug/l	90
65) Chlorobenzene	10.079	112	168029	50.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	60301	48.88	ug/l	97
67) Ethyl Benzene	10.195	91	309930	50.05	ug/l	100
68) m/p-Xylenes	10.305	106	235726	99.60	ug/l	100
69) o-Xylene	10.646	106	114417	48.44	ug/l	98
70) Styrene	10.659	104	194786	49.61	ug/l	99
71) Bromoform	10.805	173	43095	45.92	ug/l #	98
73) Isopropylbenzene	10.963	105	303910	49.49	ug/l	100
74) N-amyl acetate	10.848	43	143751	43.67	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	100699	44.21	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88118m	45.63	ug/l	
77) Bromobenzene	11.201	156	64706	48.92	ug/l	90
78) n-propylbenzene	11.311	91	358419	49.27	ug/l	100
79) 2-Chlorotoluene	11.366	91	208977	47.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	258388	48.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	35950	43.19	ug/l	99
82) 4-Chlorotoluene	11.457	91	247514	48.52	ug/l	98
83) tert-Butylbenzene	11.719	119	244811	47.86	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	259358	49.00	ug/l	100
85) sec-Butylbenzene	11.896	105	314337	50.05	ug/l	98
86) p-Isopropyltoluene	12.012	119	264207	49.36	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	126472	50.60	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	126355	48.87	ug/l	96
89) n-Butylbenzene	12.335	91	249283	50.50	ug/l	99
90) Hexachloroethane	12.542	117	45003	46.51	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	121962	49.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22154	44.66	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	74836	50.37	ug/l	98
94) Hexachlorobutadiene	13.731	225	29753	51.33	ug/l	100
95) Naphthalene	13.780	128	300516	49.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74608	49.54	ug/l	96

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

