

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021983.D
 Acq On : 14 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
 5/17/2021 2:34:06 PM

Quant Time: May 15 01:00:58 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	89516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69976	47.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.00%		
35) Dibromofluoromethane	5.385	113	56274	48.63	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.26%		
50) Toluene-d8	8.653	98	214155	48.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.98%		
62) 4-Bromofluorobenzene	11.085	95	85215	48.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58838	49.93	ug/l	99
3) Chloromethane	1.288	50	63422	44.81	ug/l	99
4) Vinyl Chloride	1.374	62	72217	44.19	ug/l	99
5) Bromomethane	1.599	94	27049	45.36	ug/l	98
6) Chloroethane	1.679	64	45947	54.05	ug/l	96
7) Trichlorofluoromethane	1.886	101	101490	45.05	ug/l	96
8) Diethyl Ether	2.136	74	42156	44.58	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	56632	49.44	ug/l	94
10) Methyl Iodide	2.453	142	53493	39.29	ug/l	95
11) Tert butyl alcohol	2.971	59	79017	201.02	ug/l	98
12) 1,1-Dichloroethene	2.319	96	57319	47.22	ug/l	96
13) Acrolein	2.239	56	26655	161.35	ug/l	99
14) Allyl chloride	2.666	41	101931	45.83	ug/l	97
15) Acrylonitrile	3.062	53	161101	218.12	ug/l	100
16) Acetone	2.380	43	172605	261.23	ug/l	98
17) Carbon Disulfide	2.514	76	158534	46.96	ug/l	100
18) Methyl Acetate	2.703	43	82061	44.79	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	189681	48.74	ug/l	97
20) Methylene Chloride	2.788	84	66921	49.12	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	63533	49.05	ug/l	99
22) Diisopropyl ether	3.764	45	190829	46.08	ug/l	98
23) Vinyl Acetate	3.727	43	939959	230.64	ug/l	97
24) 1,1-Dichloroethane	3.611	63	115930	48.70	ug/l	98
25) 2-Butanone	4.556	43	264721	232.82	ug/l	95
26) 2,2-Dichloropropane	4.483	77	107991	50.68	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	73915	48.34	ug/l	99
28) Bromochloromethane	4.897	49	54319	49.94	ug/l	87
29) Tetrahydrofuran	5.007	42	145525	215.39	ug/l	92
30) Chloroform	5.099	83	118450	48.78	ug/l	98
31) Cyclohexane	5.477	56	94491	48.56	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	104227	48.91	ug/l	99
36) 1,1-Dichloropropene	5.696	75	89012	49.73	ug/l	98
37) Ethyl Acetate	4.715	43	98589	45.59	ug/l	95
38) Carbon Tetrachloride	5.684	117	89726	50.13	ug/l	95
39) Methylcyclohexane	7.385	83	101712	50.63	ug/l	97
40) Benzene	6.044	78	266732	49.49	ug/l	100

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41) Methacrylonitrile	4.922	41	54156	46.37	ug/l	95
42) 1,2-Dichloroethane	6.092	62	92843	50.27	ug/l	100
43) Isopropyl Acetate	6.342	43	165805	45.33	ug/l	96
44) Trichloroethene	7.129	130	68497	52.31	ug/l	97
45) 1,2-Dichloropropane	7.434	63	69404	49.17	ug/l	98
46) Dibromomethane	7.586	93	46878	49.09	ug/l	88
47) Bromodichloromethane	7.824	83	95800	49.74	ug/l	100
48) Methyl methacrylate	7.696	41	76811	45.64	ug/l	95
49) 1,4-Dioxane	7.665	88	30328	856.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	500309	219.67	ug/l	93
52) Toluene	8.720	92	167458	48.67	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	112926	50.32	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118790	50.53	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	68821	50.04	ug/l	98
56) Ethyl methacrylate	9.116	69	114738	47.49	ug/l	93
57) 1,3-Dichloropropane	9.311	76	116093	49.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	276391	233.58	ug/l	98
59) 2-Hexanone	9.433	43	395525	225.43	ug/l	92
60) Dibromochloromethane	9.525	129	72702	49.05	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69673	48.58	ug/l	99
64) Tetrachloroethene	9.275	164	57421	58.56	ug/l	91
65) Chlorobenzene	10.079	112	177242	50.16	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64325	49.59	ug/l	98
67) Ethyl Benzene	10.195	91	328906	50.51	ug/l	99
68) m/p-Xylenes	10.305	106	248776	99.96	ug/l	100
69) o-Xylene	10.646	106	121923	49.09	ug/l	98
70) Styrene	10.659	104	208533	50.50	ug/l	99
71) Bromoform	10.805	173	47369	48.00	ug/l #	99
73) Isopropylbenzene	10.963	105	321035	49.69	ug/l	100
74) N-amyl acetate	10.848	43	152869	44.15	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	106303	44.36	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	96311m	47.41	ug/l	
77) Bromobenzene	11.201	156	68575	49.28	ug/l	90
78) n-propylbenzene	11.305	91	385196	50.33	ug/l	99
79) 2-Chlorotoluene	11.366	91	224177	48.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	270969	48.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	40636	46.40	ug/l	95
82) 4-Chlorotoluene	11.457	91	263424	49.08	ug/l	98
83) tert-Butylbenzene	11.719	119	258648	48.07	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	277626	49.86	ug/l	100
85) sec-Butylbenzene	11.896	105	335359	50.75	ug/l	99
86) p-Isopropyltoluene	12.012	119	285702	50.74	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135421	51.50	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	136059	50.02	ug/l	97
89) n-Butylbenzene	12.335	91	272845	52.54	ug/l	99
90) Hexachloroethane	12.542	117	49053	48.19	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	131691	50.75	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23886	45.78	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	82444	52.75	ug/l	97
94) Hexachlorobutadiene	13.725	225	33002	54.12	ug/l	100
95) Naphthalene	13.780	128	314933	49.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81443	51.41	ug/l	98

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

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