

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023370.D
 Acq On : 22 Jul 2021 10:44
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:28 PM

Quant Time: Jul 22 11:29:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141028	46.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.397	113	115860	47.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.653	98	427413	47.456	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.085	95	145370	42.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113833	54.326	ug/l	100
3) Chloromethane	1.294	50	128561	59.749	ug/l	98
4) Vinyl Chloride	1.374	62	131864	58.559	ug/l	100
5) Bromomethane	1.599	94	72068	56.205	ug/l	99
6) Chloroethane	1.678	64	81964	56.212	ug/l	100
7) Trichlorofluoromethane	1.886	101	211690	54.982	ug/l	98
8) Diethyl Ether	2.136	74	78103	54.668	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	119927	53.302	ug/l	97
10) Methyl Iodide	2.453	142	158076	56.226	ug/l	98
11) Tert butyl alcohol	2.983	59	170867	256.919	ug/l	99
12) 1,1-Dichloroethene	2.319	96	117660	56.159	ug/l	99
13) Acrolein	2.239	56	84417	203.030	ug/l	98
14) Allyl chloride	2.666	41	215006	58.492	ug/l	95
15) Acrylonitrile	3.075	53	398761	302.831	ug/l	98
16) Acetone	2.386	43	348533	276.110	ug/l	93
17) Carbon Disulfide	2.514	76	292509	63.657	ug/l	99
18) Methyl Acetate	2.709	43	175201	57.305	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	419644	53.988	ug/l	100
20) Methylene Chloride	2.794	84	133126	49.752	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	125739	55.477	ug/l	99
22) Diisopropyl ether	3.769	45	434305	56.489	ug/l	95
23) Vinyl Acetate	3.733	43	1953803	298.193	ug/l	95
24) 1,1-Dichloroethane	3.617	63	236958	54.805	ug/l	98
25) 2-Butanone	4.568	43	582622	303.076	ug/l	92
26) 2,2-Dichloropropane	4.483	77	194728	53.993	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	147542	54.099	ug/l	98
28) Bromochloromethane	4.910	49	106322	52.094	ug/l	96
29) Tetrahydrofuran	5.013	42	383688	309.092	ug/l	89
30) Chloroform	5.105	83	239668	51.935	ug/l	100
31) Cyclohexane	5.477	56	216655	56.368	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	212411	52.784	ug/l	99
36) 1,1-Dichloropropene	5.696	75	177851	52.587	ug/l	99
37) Ethyl Acetate	4.727	43	220281	58.515	ug/l	95
38) Carbon Tetrachloride	5.684	117	183121	52.341	ug/l	99
39) Methylcyclohexane	7.385	83	225568	56.157	ug/l	99
40) Benzene	6.043	78	529150	53.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	117463	56.211	ug/l	93
42) 1,2-Dichloroethane	6.098	62	194799	50.219	ug/l	96
43) Isopropyl Acetate	6.348	43	353539	56.841	ug/l	94
44) Trichloroethene	7.129	130	145564	52.406	ug/l	99
45) 1,2-Dichloropropane	7.440	63	140971	54.664	ug/l	97
46) Dibromomethane	7.586	93	96171	52.744	ug/l	100
47) Bromodichloromethane	7.830	83	177064	53.390	ug/l	99
48) Methyl methacrylate	7.702	41	166013	54.889	ug/l	89
49) 1,4-Dioxane	7.665	88	68281	1020.231	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1110914	288.543	ug/l	91
52) Toluene	8.720	92	332262	52.546	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	207699	56.887	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	223632	57.576	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	139211	52.481	ug/l	98
56) Ethyl methacrylate	9.122	69	224404	54.404	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	230406	52.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	562084	280.950	ug/l	98
59) 2-Hexanone	9.433	43	843852	286.627	ug/l	89
60) Dibromochloromethane	9.525	129	141082	55.254	ug/l	99
61) 1,2-Dibromoethane	9.616	107	147254	54.117	ug/l	100
64) Tetrachloroethene	9.275	164	138306	51.589	ug/l	95
65) Chlorobenzene	10.085	112	358462	53.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	133881	55.482	ug/l	98
67) Ethyl Benzene	10.195	91	633722	53.754	ug/l	99
68) m/p-Xylenes	10.305	106	487149	108.228	ug/l	97
69) o-Xylene	10.646	106	237208	52.550	ug/l	97
70) Styrene	10.659	104	388717	52.964	ug/l	99
71) Bromoform	10.805	173	98906	57.870	ug/l #	100
73) Isopropylbenzene	10.963	105	621095	56.426	ug/l	99
74) N-amyl acetate	10.848	43	286260	60.358	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	195277	55.615	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	180103m	57.216	ug/l	
77) Bromobenzene	11.201	156	149152	54.507	ug/l	95
78) n-propylbenzene	11.311	91	714125	56.231	ug/l	99
79) 2-Chlorotoluene	11.366	91	415912	53.397	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	507347	54.145	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	68842	64.431	ug/l	97
82) 4-Chlorotoluene	11.457	91	472822	53.931	ug/l	100
83) tert-Butylbenzene	11.719	119	496182	55.499	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	503043	54.407	ug/l	99
85) sec-Butylbenzene	11.896	105	635841	55.383	ug/l	100
86) p-Isopropyltoluene	12.012	119	526064	54.804	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	269850	52.994	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	265925	51.968	ug/l	98
89) n-Butylbenzene	12.335	91	465275	55.306	ug/l	98
90) Hexachloroethane	12.542	117	86036	60.175	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	257447	51.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45106	60.353	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	167162	53.500	ug/l	99
94) Hexachlorobutadiene	13.731	225	71333	53.699	ug/l	97
95) Naphthalene	13.780	128	600985	57.559	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	169421	54.025	ug/l	99

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

