

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023158.D
 Acq On : 07 Jul 2021 09:15
 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
 7/8/2021 9:42:08 AM

Quant Time: Jul 08 03:13:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	292183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	449951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	185681	47.284	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.560%		
35) Dibromofluoromethane	5.391	113	143837	49.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.000%		
50) Toluene-d8	8.653	98	528664	48.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.560%		
62) 4-Bromofluorobenzene	11.085	95	209358	50.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	143327	54.138	ug/l	100
3) Chloromethane	1.295	50	126930	48.458	ug/l	100
4) Vinyl Chloride	1.374	62	137284	49.476	ug/l	98
5) Bromomethane	1.599	94	60714	41.854	ug/l	98
6) Chloroethane	1.679	64	84414	46.525	ug/l	98
7) Trichlorofluoromethane	1.886	101	229093	47.508	ug/l	100
8) Diethyl Ether	2.136	74	83925	47.154	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	143432	50.827	ug/l	96
10) Methyl Iodide	2.453	142	160556	46.334	ug/l	93
11) Tert butyl alcohol	2.977	59	186922	226.263	ug/l	99
12) 1,1-Dichloroethene	2.319	96	129159	49.590	ug/l	94
13) Acrolein	2.239	56	108986	198.114	ug/l	99
14) Allyl chloride	2.666	41	232058	51.273	ug/l	92
15) Acrylonitrile	3.069	53	385860	240.207	ug/l	98
16) Acetone	2.386	43	457165	294.259	ug/l	91
17) Carbon Disulfide	2.514	76	280468	51.058	ug/l	99
18) Methyl Acetate	2.709	43	178714	47.388	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	490540	50.358	ug/l	98
20) Methylene Chloride	2.794	84	147463	44.085	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	137073	48.730	ug/l	96
22) Diisopropyl ether	3.770	45	469863	49.243	ug/l	98
23) Vinyl Acetate	3.727	43	2036287	252.151	ug/l	96
24) 1,1-Dichloroethane	3.617	63	268254	49.757	ug/l	98
25) 2-Butanone	4.568	43	621329	265.212	ug/l	94
26) 2,2-Dichloropropane	4.477	77	251092	55.490	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	166594	48.896	ug/l	96
28) Bromochloromethane	4.904	49	117316	45.867	ug/l	97
29) Tetrahydrofuran	5.013	42	354600	235.463	ug/l	92
30) Chloroform	5.099	83	286400	49.178	ug/l	99
31) Cyclohexane	5.477	56	225734	48.010	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	260866	51.431	ug/l	100
36) 1,1-Dichloropropene	5.696	75	201820	50.313	ug/l	99
37) Ethyl Acetate	4.721	43	216692	49.521	ug/l	96
38) Carbon Tetrachloride	5.678	117	229388	54.787	ug/l	99
39) Methylcyclohexane	7.385	83	243743	51.955	ug/l	96
40) Benzene	6.044	78	581610	49.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	119943	49.032	ug/l	93
42) 1,2-Dichloroethane	6.092	62	237283	50.706	ug/l	95
43) Isopropyl Acetate	6.348	43	360402	49.517	ug/l	94
44) Trichloroethene	7.129	130	165927	50.225	ug/l	100
45) 1,2-Dichloropropane	7.434	63	154665	50.875	ug/l	98
46) Dibromomethane	7.586	93	108759	50.093	ug/l	98
47) Bromodichloromethane	7.824	83	214687	54.158	ug/l	100
48) Methyl methacrylate	7.696	41	176555	49.436	ug/l	89
49) 1,4-Dioxane	7.659	88	77663	966.221	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1116159	247.478	ug/l	93
52) Toluene	8.720	92	383258	50.850	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	243946	48.751	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	256720	49.238	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	160981	50.863	ug/l	98
56) Ethyl methacrylate	9.122	69	253933	51.922	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	259338	49.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	641661	241.238	ug/l	99
59) 2-Hexanone	9.433	43	906587	261.982	ug/l	90
60) Dibromochloromethane	9.525	129	168805	47.905	ug/l	99
61) 1,2-Dibromoethane	9.610	107	166490	51.254	ug/l	99
64) Tetrachloroethene	9.275	164	166850	50.534	ug/l	94
65) Chlorobenzene	10.079	112	419262	51.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	160443	54.226	ug/l	100
67) Ethyl Benzene	10.195	91	757968	52.396	ug/l	99
68) m/p-Xylenes	10.305	106	589559	106.748	ug/l	99
69) o-Xylene	10.646	106	290090	52.117	ug/l	99
70) Styrene	10.659	104	493706	54.300	ug/l	98
71) Bromoform	10.805	173	121333	48.385	ug/l	99
73) Isopropylbenzene	10.964	105	777129	52.657	ug/l	100
74) N-amyl acetate	10.848	43	319968	51.093	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	232876	49.665	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	223814m	53.090	ug/l	
77) Bromobenzene	11.201	156	187270	50.823	ug/l	97
78) n-propylbenzene	11.305	91	904430	52.997	ug/l	99
79) 2-Chlorotoluene	11.366	91	541296	51.321	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	672918	52.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	80512	53.012	ug/l	96
82) 4-Chlorotoluene	11.457	91	634604	53.280	ug/l	99
83) tert-Butylbenzene	11.719	119	642205	53.245	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	672000	53.514	ug/l	98
85) sec-Butylbenzene	11.896	105	837760	53.981	ug/l	100
86) p-Isopropyltoluene	12.012	119	709811	54.523	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	356466	51.518	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	355995	51.097	ug/l	99
89) n-Butylbenzene	12.335	91	622141	54.554	ug/l	99
90) Hexachloroethane	12.542	117	114748	51.435	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	351355	51.045	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56530	49.189	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	226555	53.433	ug/l	98
94) Hexachlorobutadiene	13.725	225	100634	56.056	ug/l	100
95) Naphthalene	13.780	128	763133	48.825	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	229028	53.707	ug/l	98

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

