

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023331.D
 Acq On : 19 Jul 2021 09:52
 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
 7/20/2021 5:39:05 PM

Quant Time: Jul 20 05:21:35 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	276750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178443	47.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.940%			
35) Dibromofluoromethane	5.391	113	138921	50.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.653	98	496086	48.184	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.360%			
62) 4-Bromofluorobenzene	11.086	95	203667	51.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	123145	49.109	ug/l	99
3) Chloromethane	1.295	50	104963	42.307	ug/l	100
4) Vinyl Chloride	1.380	62	116032	44.149	ug/l	100
5) Bromomethane	1.599	94	63252	46.615	ug/l	100
6) Chloroethane	1.679	64	72249	42.040	ug/l	100
7) Trichlorofluoromethane	1.880	101	208461	45.640	ug/l	98
8) Diethyl Ether	2.136	74	75720	44.916	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	135369	50.645	ug/l	95
10) Methyl Iodide	2.453	142	155219	47.292	ug/l	93
11) Tert butyl alcohol	2.983	59	184194	235.395	ug/l	97
12) 1,1-Dichloroethene	2.319	96	117088	47.462	ug/l	94
13) Acrolein	2.240	56	105621	202.704	ug/l	96
14) Allyl chloride	2.666	41	213329	49.764	ug/l	93
15) Acrylonitrile	3.075	53	382808	251.596	ug/l	97
16) Acetone	2.392	43	349074	237.215	ug/l	90
17) Carbon Disulfide	2.508	76	229806	44.169	ug/l	100
18) Methyl Acetate	2.709	43	186749	52.280	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	475262	51.510	ug/l	99
20) Methylene Chloride	2.794	84	137951	43.541	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	123848	46.484	ug/l	96
22) Diisopropyl ether	3.770	45	433272	47.940	ug/l	97
23) Vinyl Acetate	3.727	43	1881871	246.025	ug/l	95
24) 1,1-Dichloroethane	3.611	63	251253	49.203	ug/l	97
25) 2-Butanone	4.568	43	568049	255.991	ug/l	96
26) 2,2-Dichloropropane	4.483	77	244994	57.162	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	155292	48.121	ug/l	96
28) Bromochloromethane	4.904	49	110802	45.736	ug/l	98
29) Tetrahydrofuran	5.013	42	344434	241.466	ug/l	93
30) Chloroform	5.099	83	273568	49.594	ug/l	99
31) Cyclohexane	5.471	56	195089	43.806	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	252654	52.590	ug/l	100
36) 1,1-Dichloropropene	5.696	75	183018	48.032	ug/l	98
37) Ethyl Acetate	4.727	43	212038	51.012	ug/l	96
38) Carbon Tetrachloride	5.684	117	221583	55.713	ug/l	98
39) Methylcyclohexane	7.385	83	216864	48.663	ug/l	99
40) Benzene	6.044	78	534672	48.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	119168	51.284	ug/l	93
42) 1,2-Dichloroethane	6.092	62	228118	51.317	ug/l	95
43) Isopropyl Acetate	6.349	43	349174	50.504	ug/l	95
44) Trichloroethene	7.129	130	158097	50.378	ug/l	99
45) 1,2-Dichloropropane	7.434	63	143062	49.539	ug/l	100
46) Dibromomethane	7.586	93	104289	50.566	ug/l	98
47) Bromodichloromethane	7.824	83	209595	55.661	ug/l	98
48) Methyl methacrylate	7.696	41	168006	49.522	ug/l	90
49) 1,4-Dioxane	7.665	88	72171	945.232	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1099021	256.526	ug/l	93
52) Toluene	8.720	92	353260	49.341	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	234259	49.254	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	244077	49.279	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	154904	51.524	ug/l	98
56) Ethyl methacrylate	9.122	69	242814	52.266	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	250850	50.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	602744	238.606	ug/l	99
59) 2-Hexanone	9.433	43	901990	274.395	ug/l	91
60) Dibromochloromethane	9.525	129	171219	50.941	ug/l	100
61) 1,2-Dibromoethane	9.610	107	162086	52.529	ug/l	100
64) Tetrachloroethene	9.275	164	166782	52.772	ug/l	93
65) Chlorobenzene	10.080	112	404585	51.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162384	57.337	ug/l	99
67) Ethyl Benzene	10.195	91	713615	51.536	ug/l	99
68) m/p-Xylenes	10.305	106	559879	105.908	ug/l	99
69) o-Xylene	10.647	106	279439	52.449	ug/l	98
70) Styrene	10.659	104	466611	53.615	ug/l	98
71) Bromoform	10.805	173	126941	52.508	ug/l	99
73) Isopropylbenzene	10.964	105	737969	51.945	ug/l	99
74) N-amyl acetate	10.848	43	301832	50.068	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	225857	50.038	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	224967m	55.435	ug/l	
77) Bromobenzene	11.201	156	185659	52.341	ug/l	94
78) n-propylbenzene	11.305	91	855425	52.072	ug/l	98
79) 2-Chlorotoluene	11.366	91	517077	50.928	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	641176	52.416	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	79444	54.220	ug/l	93
82) 4-Chlorotoluene	11.457	91	605933	52.848	ug/l	100
83) tert-Butylbenzene	11.720	119	629090	54.183	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	642788	53.175	ug/l	99
85) sec-Butylbenzene	11.896	105	812049	54.356	ug/l	100
86) p-Isopropyltoluene	12.012	119	692634	55.269	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	350861	52.676	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	355544	53.013	ug/l	99
89) n-Butylbenzene	12.335	91	599109	54.574	ug/l	98
90) Hexachloroethane	12.543	117	117873	54.685	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	344971	52.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59372	53.434	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	230664	56.514	ug/l	98
94) Hexachlorobutadiene	13.725	225	105594	61.102	ug/l	100
95) Naphthalene	13.780	128	772564	51.281	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	236197	57.538	ug/l	98

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

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