

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023362.D
 Acq On : 20 Jul 2021 19:03
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:54:05 PM

Quant Time: Jul 21 06:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072021W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 21 06:04:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	117427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64225	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161830	141.057	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 282.120%#	
35) Dibromofluoromethane	5.397	113	124119	166.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 333.020%#	
50) Toluene-d8	8.653	98	419480	129.907	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 259.820%#	
62) 4-Bromofluorobenzene	11.085	95	179526	139.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 279.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144111	144.039	ug/l	99
3) Chloromethane	1.294	50	63267	72.673	ug/l	96
4) Vinyl Chloride	1.374	62	69163	76.331	ug/l	93
5) Bromomethane	1.599	94	59401	161.587	ug/l	98
6) Chloroethane	1.666	64	39044	129.926	ug/l	98
7) Trichlorofluoromethane	1.873	101	175861	192.159	ug/l	95
8) Diethyl Ether	2.142	74	40359	169.043	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	104840	150.023	ug/l	95
10) Methyl Iodide	2.447	142	156732	148.360	ug/l	100
11) Tert butyl alcohol	3.001	59	144805	597.635	ug/l	100
12) 1,1-Dichloroethene	2.312	96	96137	143.184	ug/l	99
13) Acrolein	2.245	56	39362	608.997	ug/l	96
14) Allyl chloride	2.660	41	103083	86.005	ug/l	98
15) Acrylonitrile	3.075	53	221049	503.000	ug/l	99
16) Acetone	2.398	43	219835	579.293	ug/l	100
17) Carbon Disulfide	2.508	76	237285	131.534	ug/l	100
18) Methyl Acetate	2.715	43	86796	89.036	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	377011	135.127	ug/l	96
20) Methylene Chloride	2.788	84	104993	108.709	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	106224	126.529	ug/l	95
22) Diisopropyl ether	3.776	45	207327	90.147	ug/l	98
23) Vinyl Acetate	3.733	43	1015227	496.843	ug/l	98
24) 1,1-Dichloroethane	3.611	63	168107	115.517	ug/l	100
25) 2-Butanone	4.574	43	294282	470.657	ug/l	99
26) 2,2-Dichloropropane	4.483	77	194795	140.459	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	124820	128.389	ug/l	99
28) Bromochloromethane	4.916	49	54104	88.321	ug/l	99
29) Tetrahydrofuran	5.019	42	164786	418.815	ug/l	100
30) Chloroform	5.111	83	220825	133.586	ug/l	98
31) Cyclohexane	5.477	56	129119	105.378	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	247306	158.488	ug/l	99
36) 1,1-Dichloropropene	5.696	75	145960	146.267	ug/l	97
37) Ethyl Acetate	4.733	43	112409	110.230	ug/l	100
38) Carbon Tetrachloride	5.684	117	244088	201.087	ug/l	95
39) Methylcyclohexane	7.385	83	178239	125.331	ug/l	98
40) Benzene	6.043	78	395775	138.978	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	60205	110.836	ug/l	99
42) 1,2-Dichloroethane	6.098	62	194618	161.102	ug/l	99
43) Isopropyl Acetate	6.354	43	192548	114.038	ug/l	99
44) Trichloroethene	7.129	130	147238	145.893	ug/l	97
45) 1,2-Dichloropropane	7.440	63	82583	97.888	ug/l	96
46) Dibromomethane	7.586	93	85740	130.882	ug/l	98
47) Bromodichloromethane	7.830	83	179751	146.120	ug/l	98
48) Methyl methacrylate	7.702	41	97718	97.271	ug/l	98
49) 1,4-Dioxane	7.671	88	60035	2455.424	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	580279	462.082	ug/l	100
52) Toluene	8.726	92	284872	129.216	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	191139	139.020	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	180859	128.379	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	115194	126.856	ug/l	97
56) Ethyl methacrylate	9.122	69	165445	117.536	ug/l	99
57) 1,3-Dichloropropane	9.311	76	172849	116.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	360088	522.422	ug/l	99
59) 2-Hexanone	9.439	43	467799	472.293	ug/l	99
60) Dibromochloromethane	9.525	129	165756	166.736	ug/l	98
61) 1,2-Dibromoethane	9.616	107	132581	133.553	ug/l	99
64) Tetrachloroethene	9.281	164	159879	171.478	ug/l	98
65) Chlorobenzene	10.085	112	339072	152.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	156913	185.988	ug/l	98
67) Ethyl Benzene	10.195	91	596129	156.653	ug/l	97
68) m/p-Xylenes	10.305	106	469943	318.529	ug/l	100
69) o-Xylene	10.646	106	230668	156.089	ug/l	97
70) Styrene	10.659	104	390268	163.661	ug/l	99
71) Bromoform	10.805	173	147221	225.571	ug/l #	100
73) Isopropylbenzene	10.963	105	635515	141.454	ug/l	100
74) N-amyl acetate	10.848	43	166878	95.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.219	83	153973	112.949	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	155002m	115.969	ug/l	
77) Bromobenzene	11.201	156	179460	153.010	ug/l	99
78) n-propylbenzene	11.311	91	682215	134.639	ug/l	100
79) 2-Chlorotoluene	11.372	91	433272	135.240	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	585236	151.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	56722	123.221	ug/l	98
82) 4-Chlorotoluene	11.457	91	518765	140.021	ug/l	100
83) tert-Butylbenzene	11.719	119	579185	151.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	585693	152.312	ug/l	99
85) sec-Butylbenzene	11.896	105	677329	143.072	ug/l	99
86) p-Isopropyltoluene	12.012	119	625377	155.888	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	329605	152.954	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	326894	148.586	ug/l	100
89) n-Butylbenzene	12.335	91	480404	143.275	ug/l	99
90) Hexachloroethane	12.542	117	109066	173.147	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	320036	150.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57038	160.759	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	243517	178.297	ug/l	99
94) Hexachlorobutadiene	13.731	225	128371	208.433	ug/l	97
95) Naphthalene	13.780	128	719286	166.796	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	247454	190.237	ug/l	99

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

