

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043569.D
 Acq On : 05 May 2021 23:36
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:14 PM

Quant Time: May 06 06:54:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	100046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	171846	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	170499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100975	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	315189	180.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	360.08%	
35) Dibromofluoromethane	5.295	113	209620	160.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	321.38%	
50) Toluene-d8	7.906	98	775500	168.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	336.14%	
62) 4-Bromofluorobenzene	10.642	95	347342	191.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	382.14%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	212228	194.83	ug/l	100
3) Chloromethane	1.520	50	261185	197.02	ug/l	100
4) Vinyl Chloride	1.607	62	245119	203.84	ug/l	99
5) Bromomethane	1.832	94	128647	193.72	ug/l	99
6) Chloroethane	1.906	64	143374	159.36	ug/l	99
7) Trichlorofluoromethane	2.125	101	324059	164.63	ug/l	97
8) Diethyl Ether	2.379	74	120699	187.25	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	182462	178.21	ug/l	99
10) Methyl Iodide	2.719	142	237395	178.62	ug/l	99
11) Tert butyl alcohol	3.224	59	440790	989.58	ug/l	99
12) 1,1-Dichloroethene	2.575	96	184272	187.29	ug/l	96
13) Acrolein	2.488	56	182834	754.36	ug/l	98
14) Allyl chloride	2.922	41	461036	191.56	ug/l	98
15) Acrylonitrile	3.321	53	818034	859.01	ug/l	100
16) Acetone	2.633	43	868545	805.57	ug/l	98
17) Carbon Disulfide	2.790	76	574571	189.45	ug/l	99
18) Methyl Acetate	2.951	43	415854	188.72	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	657422	173.09	ug/l	98
20) Methylene Chloride	3.047	84	224029	178.62	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	202876	177.60	ug/l	96
22) Diisopropyl ether	3.999	45	817070	180.57	ug/l	93
23) Vinyl Acetate	3.961	43	4400437	995.41	ug/l	99
24) 1,1-Dichloroethane	3.874	63	444546	190.90	ug/l	100
25) 2-Butanone	4.710	43	1464702	931.97	ug/l	100
26) 2,2-Dichloropropane	4.671	77	302406	155.86	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	235350	181.88	ug/l	99
28) Bromochloromethane	4.980	49	228612	193.26	ug/l	98
29) Tetrahydrofuran	5.057	42	836759	857.49	ug/l	99
30) Chloroform	5.096	83	419707	173.32	ug/l	99
31) Cyclohexane	5.395	56	362156	169.00	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	364422	171.76	ug/l	98
36) 1,1-Dichloropropene	5.533	75	313665	168.85	ug/l	99
37) Ethyl Acetate	4.809	43	532352	167.28	ug/l	100
38) Carbon Tetrachloride	5.530	117	309585	157.89	ug/l	99
39) Methylcyclohexane	6.768	83	319279	160.55	ug/l	99
40) Benzene	5.780	78	908675	169.90	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	293035	174.58	ug/l	99
42) 1,2-Dichloroethane	5.800	62	387404	163.93	ug/l	99
43) Isopropyl Acetate	5.919	43	812320	178.96	ug/l	100
44) Trichloroethene	6.549	130	220429	164.58	ug/l	99
45) 1,2-Dichloropropane	6.796	63	264448	176.77	ug/l	99
46) Dibromomethane	6.925	93	171819	163.88	ug/l	98
47) Bromodichloromethane	7.115	83	349193	168.81	ug/l	98
48) Methyl methacrylate	6.967	41	425598	187.29	ug/l	99
49) 1,4-Dioxane	6.973	88	139510	3195.22	ug/l	98
51) 4-Methyl-2-Pentanone	7.806	43	3221944	968.65	ug/l	99
52) Toluene	7.976	92	546278	166.70	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	394910	174.36	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	404797	174.96	ug/l	98
55) 1,1,2-Trichloroethane	8.411	97	240542	170.90	ug/l	98
56) Ethyl methacrylate	8.343	69	454193	198.35	ug/l	99
57) 1,3-Dichloropropane	8.584	76	432469	176.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	702944	893.96	ug/l	99
59) 2-Hexanone	8.697	43	2631459	969.68	ug/l	100
60) Dibromochloromethane	8.819	129	268927	168.64	ug/l	100
61) 1,2-Dibromoethane	8.931	107	261522	166.40	ug/l	99
64) Tetrachloroethene	8.558	164	199871	157.62	ug/l	97
65) Chlorobenzene	9.456	112	596291	160.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	233906	165.60	ug/l	98
67) Ethyl Benzene	9.578	91	1143306	170.12	ug/l	98
68) m/p-Xylenes	9.700	106	830443	334.98	ug/l	97
69) o-Xylene	10.108	106	414793	171.75	ug/l	100
70) Styrene	10.121	104	748989	183.75	ug/l	100
71) Bromoform	10.301	173	242475	169.61	ug/l #	99
73) Isopropylbenzene	10.491	105	1137499	162.78	ug/l	100
74) N-amyl acetate	10.330	43	832635	184.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	510041	167.47	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	497777m	162.97	ug/l	
77) Bromobenzene	10.790	156	290712	151.32	ug/l	99
78) n-propylbenzene	10.915	91	1453113	172.69	ug/l	100
79) 2-Chlorotoluene	10.996	91	862647	168.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	1023342	166.95	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	163460	164.00	ug/l	93
82) 4-Chlorotoluene	11.105	91	1032300	168.87	ug/l	100
83) tert-Butylbenzene	11.430	119	992906	165.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	1045170	166.30	ug/l	100
85) sec-Butylbenzene	11.652	105	1252935	175.72	ug/l	99
86) p-Isopropyltoluene	11.803	119	1077268	166.80	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	544078	156.40	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	545213	150.39	ug/l	99
89) n-Butylbenzene	12.214	91	1081772	178.77	ug/l	99
90) Hexachloroethane	12.484	117	163988	140.52	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	545333	152.89	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	137588	162.74	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	371367	154.94	ug/l	99
94) Hexachlorobutadiene	14.031	225	175795	138.35	ug/l	99
95) Naphthalene	14.095	128	1274141	173.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	370174	156.61	ug/l	99

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

