

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044137.D
 Acq On : 09 Jun 2021 13:13
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 10 04:49:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 04:45:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	155097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	270964	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	270705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	155416	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	349477	134.268	ug/l	0.00
Spiked Amount 50.000			Recovery	= 268.540%		
35) Dibromofluoromethane	5.298	113	271531	134.177	ug/l	0.00
Spiked Amount 50.000			Recovery	= 268.360%		
50) Toluene-d8	7.906	98	1069813	147.665	ug/l	0.00
Spiked Amount 50.000			Recovery	= 295.340%		
62) 4-Bromofluorobenzene	10.642	95	466632	161.170	ug/l	0.00
Spiked Amount 50.000			Recovery	= 322.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	317129	187.656	ug/l	100
3) Chloromethane	1.520	50	367477	179.561	ug/l	100
4) Vinyl Chloride	1.607	62	363224	194.012	ug/l	100
5) Bromomethane	1.835	94	122853	123.920	ug/l	99
6) Chloroethane	1.913	64	217227	156.260	ug/l	99
7) Trichlorofluoromethane	2.131	101	446573	149.729	ug/l	100
8) Diethyl Ether	2.382	74	182189	182.555	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	272084	172.663	ug/l	99
10) Methyl Iodide	2.723	142	339662	165.500	ug/l	98
11) Tert butyl alcohol	3.221	59	505767	762.863	ug/l	100
12) 1,1-Dichloroethene	2.578	96	273777	180.850	ug/l	99
13) Acrolein	2.491	56	271052	717.083	ug/l	99
14) Allyl chloride	2.925	41	515969	146.054	ug/l	99
15) Acrylonitrile	3.321	53	1022121	708.988	ug/l	100
16) Acetone	2.633	43	973004	607.672	ug/l	99
17) Carbon Disulfide	2.793	76	866145	184.142	ug/l	100
18) Methyl Acetate	2.951	43	467830	143.505	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	884116	153.407	ug/l	100
20) Methylene Chloride	3.051	84	330816	170.828	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	302050	171.496	ug/l	98
22) Diisopropyl ether	4.002	45	876023	131.752	ug/l	97
23) Vinyl Acetate	3.964	43	4409966	687.483	ug/l	99
24) 1,1-Dichloroethane	3.877	63	569818	162.899	ug/l	100
25) 2-Butanone	4.710	43	1529766	660.947	ug/l	100
26) 2,2-Dichloropropane	4.674	77	467038	155.754	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	342449	172.971	ug/l	99
28) Bromochloromethane	4.983	49	255383	143.904	ug/l	97
29) Tetrahydrofuran	5.057	42	835611	581.584	ug/l	99
30) Chloroform	5.099	83	551566	151.350	ug/l	100
31) Cyclohexane	5.395	56	477943	146.670	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	472844	148.437	ug/l	98
36) 1,1-Dichloropropene	5.533	75	437152	152.038	ug/l	99
37) Ethyl Acetate	4.813	43	524569	111.046	ug/l	99
38) Carbon Tetrachloride	5.533	117	402132	133.963	ug/l	99
39) Methylcyclohexane	6.771	83	493132	156.518	ug/l	98
40) Benzene	5.781	78	1280471	154.336	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	282924	113.897	ug/l	99
42) 1,2-Dichloroethane	5.803	62	437122	123.605	ug/l	100
43) Isopropyl Acetate	5.919	43	808190	120.651	ug/l	100
44) Trichloroethene	6.549	130	302150	146.242	ug/l	99
45) 1,2-Dichloropropane	6.800	63	341667	149.544	ug/l	98
46) Dibromomethane	6.925	93	223459	139.825	ug/l	98
47) Bromodichloromethane	7.115	83	453359	143.714	ug/l	98
48) Methyl methacrylate	6.970	41	404255	120.899	ug/l	100
49) 1,4-Dioxane	6.977	88	209954	3039.863	ug/l	99
51) 4-Methyl-2-Pentanone	7.803	43	2997972	605.983	ug/l	99
52) Toluene	7.977	92	801223	156.700	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	541832	154.747	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	568006	158.015	ug/l	98
55) 1,1,2-Trichloroethane	8.411	97	327982	150.201	ug/l	100
56) Ethyl methacrylate	8.343	69	606014	170.224	ug/l	99
57) 1,3-Dichloropropane	8.584	76	585713	154.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	982838	804.334	ug/l	100
59) 2-Hexanone	8.697	43	2431426	602.624	ug/l	98
60) Dibromochloromethane	8.819	129	355365	144.640	ug/l	99
61) 1,2-Dibromoethane	8.932	107	356747	147.275	ug/l	100
64) Tetrachloroethene	8.562	164	256950	131.994	ug/l	99
65) Chlorobenzene	9.456	112	846680	146.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	308961	141.967	ug/l	100
67) Ethyl Benzene	9.578	91	1614936	154.054	ug/l	100
68) m/p-Xylenes	9.703	106	1206522	310.648	ug/l	99
69) o-Xylene	10.108	106	589192	155.805	ug/l	99
70) Styrene	10.121	104	1053503	164.892	ug/l	100
71) Bromoform	10.301	173	294168	133.759	ug/l #	100
73) Isopropylbenzene	10.491	105	1598971	151.440	ug/l	99
74) N-amyl acetate	10.330	43	778181	121.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	666788	146.913	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	799418	169.681	ug/l	98
77) Bromobenzene	10.790	156	382150	132.789	ug/l	99
78) n-propylbenzene	10.915	91	2041568	160.309	ug/l	100
79) 2-Chlorotoluene	10.996	91	1193635	154.781	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	1457314	156.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	243964	159.374	ug/l	96
82) 4-Chlorotoluene	11.105	91	1432336	154.691	ug/l	100
83) tert-Butylbenzene	11.430	119	1384949	152.683	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	1493270	156.143	ug/l	100
85) sec-Butylbenzene	11.652	105	1801928	166.218	ug/l	100
86) p-Isopropyltoluene	11.803	119	1586676	160.518	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	768907	146.086	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	777913	142.001	ug/l	99
89) n-Butylbenzene	12.218	91	1602099	172.554	ug/l	100
90) Hexachloroethane	12.484	117	253141	141.309	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	748673	139.950	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	164285	132.265	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	520768	145.737	ug/l	100
94) Hexachlorobutadiene	14.031	225	264049	136.756	ug/l	99
95) Naphthalene	14.095	128	1755259	161.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	502129	143.441	ug/l	100

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

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