

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044200.D
 Acq On : 14 Jun 2021 23:17
 Operator : SY/MD
 Sample : VU0614WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:50:44 AM

Quant Time: Jun 15 02:52:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	154993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	272632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	265104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	142782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	120172	48.756	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.520%	
35) Dibromofluoromethane	5.298	113	93991	49.560	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.120%	
50) Toluene-d8	7.906	98	353823	48.579	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.160%	
62) 4-Bromofluorobenzene	10.639	95	137689	47.172	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	39913	18.255	ug/l	99
3) Chloromethane	1.523	50	45589	17.330	ug/l	100
4) Vinyl Chloride	1.610	62	46361	17.773	ug/l	99
5) Bromomethane	1.864	94	28209	26.207	ug/l	94
6) Chloroethane	1.941	64	26767	17.516	ug/l	98
7) Trichlorofluoromethane	2.144	101	59586	18.990	ug/l	98
8) Diethyl Ether	2.385	74	24679	19.227	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.588	101	35451	18.547	ug/l	97
10) Methyl Iodide	2.732	142	44612	20.233	ug/l	98
11) Tert butyl alcohol	3.279	59	57423m	86.603	ug/l	
12) 1,1-Dichloroethene	2.588	96	36548	19.180	ug/l	97
13) Acrolein	2.501	56	24393	65.791	ug/l	98
14) Allyl chloride	2.932	41	63087	17.742	ug/l	98
15) Acrylonitrile	3.330	53	150049	109.443	ug/l	100
16) Acetone	2.655	43	133267	103.462	ug/l	95
17) Carbon Disulfide	2.800	76	109985	17.975	ug/l	99
18) Methyl Acetate	2.964	43	69766	22.004	ug/l	98
19) Methyl tert-butyl Ether	3.375	73	117433	20.181	ug/l	98
20) Methylene Chloride	3.057	84	46687	20.307	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	41247	19.596	ug/l	95
22) Diisopropyl ether	4.002	45	118245	19.316	ug/l #	69
23) Vinyl Acetate	3.967	43	560026	96.402	ug/l	98
24) 1,1-Dichloroethane	3.880	63	77469	19.042	ug/l	99
25) 2-Butanone	4.726	43	211048	102.587	ug/l	98
26) 2,2-Dichloropropane	4.678	77	47954	14.926	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	45659	19.445	ug/l	95
28) Bromochloromethane	4.983	49	38777	19.980	ug/l	95
29) Tetrahydrofuran	5.070	42	126547	113.158	ug/l	98
30) Chloroform	5.099	83	77716	19.561	ug/l	99
31) Cyclohexane	5.398	56	63295	18.196	ug/l	95
32) 1,1,1-Trichloroethane	5.327	97	64292	19.463	ug/l	98
36) 1,1-Dichloropropene	5.536	75	56855	18.744	ug/l	99
37) Ethyl Acetate	4.819	43	78910	21.725	ug/l	99
38) Carbon Tetrachloride	5.533	117	54283	19.823	ug/l	98
39) Methylcyclohexane	6.771	83	56301	17.401	ug/l	100
40) Benzene	5.784	78	174842	19.453	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	38787	20.859	ug/l	98
42) 1,2-Dichloroethane	5.803	62	61903	19.517	ug/l	99
43) Isopropyl Acetate	5.922	43	103272	20.040	ug/l	99
44) Trichloroethene	6.549	130	41365	19.972	ug/l	98
45) 1,2-Dichloropropane	6.800	63	46256	18.947	ug/l	95
46) Dibromomethane	6.925	93	31677	20.129	ug/l	97
47) Bromodichloromethane	7.115	83	61172	19.756	ug/l	100
48) Methyl methacrylate	6.970	41	48420	19.308	ug/l	98
49) 1,4-Dioxane	7.034	88	30480	464.674	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	388575	104.177	ug/l	99
52) Toluene	7.976	92	107595	20.195	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	65232	19.254	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	69227	18.937	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	44787	20.016	ug/l	99
56) Ethyl methacrylate	8.340	69	67550	19.762	ug/l	98
57) 1,3-Dichloropropane	8.581	76	79054	19.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	101084	94.444	ug/l	100
59) 2-Hexanone	8.693	43	305714	102.702	ug/l	99
60) Dibromochloromethane	8.816	129	45035	20.238	ug/l	99
61) 1,2-Dibromoethane	8.931	107	47729	20.279	ug/l	97
64) Tetrachloroethene	8.558	164	37854	20.772	ug/l	97
65) Chlorobenzene	9.452	112	111288	19.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	39937	20.171	ug/l	99
67) Ethyl Benzene	9.578	91	198597	19.504	ug/l	99
68) m/p-Xylenes	9.700	106	153596	40.387	ug/l	99
69) o-Xylene	10.108	106	71960	19.956	ug/l	97
70) Styrene	10.121	104	124809	19.872	ug/l	100
71) Bromoform	10.298	173	33588	19.935	ug/l #	100
73) Isopropylbenzene	10.491	105	195555	20.453	ug/l	100
74) N-amyl acetate	10.330	43	80474	18.741	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	80238	19.278	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	92994	19.426	ug/l	100
77) Bromobenzene	10.790	156	47324	19.688	ug/l	97
78) n-propylbenzene	10.912	91	240763	19.349	ug/l	100
79) 2-Chlorotoluene	10.992	91	143257	19.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	172547	20.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	23561	17.841	ug/l	99
82) 4-Chlorotoluene	11.102	91	173211	19.894	ug/l	100
83) tert-Butylbenzene	11.427	119	158988	19.922	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	172407	20.174	ug/l	98
85) sec-Butylbenzene	11.648	105	206990	19.750	ug/l	100
86) p-Isopropyltoluene	11.799	119	177712	19.793	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	92586	19.623	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	95019	18.921	ug/l	99
89) n-Butylbenzene	12.214	91	161892	17.752	ug/l	99
90) Hexachloroethane	12.481	117	26096	18.366	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	91397	19.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	19102	20.290	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	57792	19.355	ug/l	100
94) Hexachlorobutadiene	14.028	225	30494	19.031	ug/l	99
95) Naphthalene	14.092	128	193810	21.052	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	59121	20.422	ug/l	98

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

