

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044116.D
 Acq On : 08 Jun 2021 16:33
 Operator : SY/MD
 Sample : VU0608WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:06 AM

Quant Time: Jun 08 23:13:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	229269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	405209	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	401787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	218001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	178006	44.581	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.160%	
35) Dibromofluoromethane	5.298	113	136378	47.163	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.320%	
50) Toluene-d8	7.906	98	534303	47.904	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.800%	
62) 4-Bromofluorobenzene	10.639	95	212204	48.054	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63121	18.478	ug/l	100
3) Chloromethane	1.523	50	79770	17.698	ug/l	99
4) Vinyl Chloride	1.610	62	74281	17.498	ug/l	98
5) Bromomethane	1.835	94	29019	16.489	ug/l	100
6) Chloroethane	1.922	64	45548	17.546	ug/l	96
7) Trichlorofluoromethane	2.134	101	89777	18.400	ug/l	96
8) Diethyl Ether	2.382	74	36927	17.587	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	53405	18.102	ug/l	99
10) Methyl Iodide	2.726	142	62645	18.215	ug/l	97
11) Tert butyl alcohol	3.205	59	97539	98.533	ug/l	96
12) 1,1-Dichloroethene	2.584	96	52380	18.563	ug/l	97
13) Acrolein	2.491	56	53346	68.544	ug/l	98
14) Allyl chloride	2.928	41	95825	16.620	ug/l	98
15) Acrylonitrile	3.321	53	196041	89.190	ug/l	99
16) Acetone	2.633	43	179700	77.977	ug/l	98
17) Carbon Disulfide	2.797	76	164159	17.467	ug/l	99
18) Methyl Acetate	2.954	43	90551	17.818	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	165051	19.110	ug/l	99
20) Methylene Chloride	3.051	84	67029	18.318	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	58591	18.512	ug/l	95
22) Diisopropyl ether	3.999	45	180056	18.363	ug/l	90
23) Vinyl Acetate	3.964	43	824780	89.188	ug/l	98
24) 1,1-Dichloroethane	3.880	63	113088	17.624	ug/l	99
25) 2-Butanone	4.710	43	287433	87.418	ug/l	99
26) 2,2-Dichloropropane	4.674	77	86421	18.780	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	65982	18.851	ug/l	96
28) Bromochloromethane	4.980	49	56390	17.254	ug/l	92
29) Tetrahydrofuran	5.057	42	164537	90.147	ug/l	95
30) Chloroform	5.096	83	112312	18.197	ug/l	100
31) Cyclohexane	5.395	56	97241	17.644	ug/l	95
32) 1,1,1-Trichloroethane	5.324	97	90877	18.321	ug/l	98
36) 1,1-Dichloropropene	5.533	75	83120	18.207	ug/l	99
37) Ethyl Acetate	4.809	43	102564	17.834	ug/l	98
38) Carbon Tetrachloride	5.533	117	77300	18.740	ug/l	99
39) Methylcyclohexane	6.771	83	85866	18.207	ug/l	97
40) Benzene	5.784	78	258310	18.773	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	54722	18.099	ug/l	98
42) 1,2-Dichloroethane	5.800	62	90261	18.378	ug/l	99
43) Isopropyl Acetate	5.919	43	144693	17.793	ug/l	98
44) Trichloroethene	6.549	130	58502	19.242	ug/l	97
45) 1,2-Dichloropropane	6.796	63	68881	18.342	ug/l	97
46) Dibromomethane	6.925	93	44739	18.733	ug/l	98
47) Bromodichloromethane	7.112	83	86748	18.272	ug/l	99
48) Methyl methacrylate	6.967	41	71160	17.746	ug/l	97
49) 1,4-Dioxane	6.973	88	38742	392.967	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	562723	93.177	ug/l	98
52) Toluene	7.976	92	157222	19.579	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	94507	18.695	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	102362	18.336	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	65262	19.163	ug/l	99
56) Ethyl methacrylate	8.340	69	97025	18.329	ug/l	97
57) 1,3-Dichloropropane	8.584	76	114096	18.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	152059	99.021	ug/l	97
59) 2-Hexanone	8.693	43	442706	94.331	ug/l	98
60) Dibromochloromethane	8.819	129	63378	18.677	ug/l	99
61) 1,2-Dibromoethane	8.931	107	68326	19.598	ug/l	99
64) Tetrachloroethene	8.558	164	52803	20.470	ug/l	99
65) Chlorobenzene	9.452	112	164268	19.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	57373	19.192	ug/l	99
67) Ethyl Benzene	9.578	91	293780	19.100	ug/l	100
68) m/p-Xylenes	9.700	106	225783	39.610	ug/l	98
69) o-Xylene	10.108	106	106313	19.470	ug/l	99
70) Styrene	10.121	104	185250	19.827	ug/l	99
71) Bromoform	10.298	173	49366	18.925	ug/l #	97
73) Isopropylbenzene	10.491	105	290686	19.815	ug/l	99
74) N-amyl acetate	10.327	43	118814	17.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	122737	18.408	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	114681m	18.805	ug/l	
77) Bromobenzene	10.790	156	71201	20.141	ug/l	95
78) n-propylbenzene	10.912	91	367573	19.420	ug/l	99
79) 2-Chlorotoluene	10.992	91	218980	19.296	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	260214	19.933	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	36205	17.335	ug/l	97
82) 4-Chlorotoluene	11.102	91	260672	19.626	ug/l	98
83) tert-Butylbenzene	11.426	119	236680	19.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	260233	19.079	ug/l	99
85) sec-Butylbenzene	11.648	105	315500	19.947	ug/l	99
86) p-Isopropyltoluene	11.799	119	268001	19.941	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	137373	19.498	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	140152	18.838	ug/l	99
89) n-Butylbenzene	12.214	91	249663	18.376	ug/l	99
90) Hexachloroethane	12.481	117	41239	17.896	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	134182	19.187	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	26403	18.067	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	78494	19.162	ug/l	100
94) Hexachlorobutadiene	14.028	225	45922	19.664	ug/l	96
95) Naphthalene	14.092	128	241676	18.177	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	76734	19.446	ug/l	98

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

