

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044117.D
 Acq On : 08 Jun 2021 16:56
 Operator : SY/MD
 Sample : VU0608WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:10 AM

Quant Time: Jun 08 23:14:09 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	232230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	408188	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	403794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	217332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	182252	45.062	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.120%	
35) Dibromofluoromethane	5.298	113	137269	47.124	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.240%	
50) Toluene-d8	7.906	98	539804	48.044	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.080%	
62) 4-Bromofluorobenzene	10.639	95	215621	48.471	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.940%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	62970	18.199	ug/l	98
3) Chloromethane	1.523	50	77455	16.886	ug/l	100
4) Vinyl Chloride	1.610	62	74572	17.343	ug/l	98
5) Bromomethane	1.835	94	27968	15.689	ug/l	96
6) Chloroethane	1.922	64	46157	17.554	ug/l	100
7) Trichlorofluoromethane	2.134	101	88098	17.826	ug/l	95
8) Diethyl Ether	2.382	74	37884	17.813	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	52585	17.597	ug/l	98
10) Methyl Iodide	2.726	142	65639	18.843	ug/l	98
11) Tert butyl alcohol	3.202	59	102211	101.936	ug/l	97
12) 1,1-Dichloroethene	2.581	96	52670	18.427	ug/l	97
13) Acrolein	2.491	56	56006	71.044	ug/l	98
14) Allyl chloride	2.928	41	96618	16.544	ug/l	97
15) Acrylonitrile	3.321	53	201270	90.402	ug/l	99
16) Acetone	2.632	43	175594	75.224	ug/l	98
17) Carbon Disulfide	2.796	76	166934	17.536	ug/l	100
18) Methyl Acetate	2.954	43	92730	18.014	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	169887	19.419	ug/l	99
20) Methylene Chloride	3.050	84	68078	18.372	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	60294	18.807	ug/l	92
22) Diisopropyl ether	4.002	45	183848	18.511	ug/l	97
23) Vinyl Acetate	3.964	43	851559	90.910	ug/l	98
24) 1,1-Dichloroethane	3.877	63	115121	17.712	ug/l	100
25) 2-Butanone	4.710	43	293175	88.028	ug/l	100
26) 2,2-Dichloropropane	4.674	77	86227	18.499	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	66085	18.640	ug/l	97
28) Bromochloromethane	4.983	49	57874	17.482	ug/l	93
29) Tetrahydrofuran	5.060	42	168281	91.023	ug/l	95
30) Chloroform	5.095	83	113351	18.131	ug/l	98
31) Cyclohexane	5.394	56	97563	17.476	ug/l	93
32) 1,1,1-Trichloroethane	5.324	97	92518	18.414	ug/l	97
36) 1,1-Dichloropropene	5.533	75	84684	18.415	ug/l	99
37) Ethyl Acetate	4.812	43	104118	17.973	ug/l	97
38) Carbon Tetrachloride	5.533	117	77610	18.678	ug/l	99
39) Methylcyclohexane	6.771	83	86891	18.290	ug/l	96
40) Benzene	5.780	78	261205	18.844	ug/l	99

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41) Methacrylonitrile	4.983	41	55792	18.319	ug/l	97
42) 1,2-Dichloroethane	5.803	62	92393	18.675	ug/l	99
43) Isopropyl Acetate	5.919	43	149517	18.252	ug/l	98
44) Trichloroethene	6.549	130	59409	19.398	ug/l	96
45) 1,2-Dichloropropane	6.800	63	70025	18.511	ug/l	94
46) Dibromomethane	6.925	93	45385	18.865	ug/l	97
47) Bromodichloromethane	7.111	83	88309	18.465	ug/l	99
48) Methyl methacrylate	6.967	41	73965	18.311	ug/l	97
49) 1,4-Dioxane	6.973	88	38446	387.119	ug/l	98
51) 4-Methyl-2-Pentanone	7.799	43	577811	94.977	ug/l	98
52) Toluene	7.976	92	159913	19.769	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	97349	19.116	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	106229	18.889	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	67467	19.666	ug/l	99
56) Ethyl methacrylate	8.340	69	101325	18.877	ug/l	97
57) 1,3-Dichloropropane	8.581	76	118452	19.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	153308	99.089	ug/l	97
59) 2-Hexanone	8.693	43	451889	95.585	ug/l	98
60) Dibromochloromethane	8.819	129	66351	19.411	ug/l	100
61) 1,2-Dibromoethane	8.931	107	69384	19.756	ug/l	98
64) Tetrachloroethene	8.558	164	53419	20.606	ug/l	99
65) Chlorobenzene	9.452	112	167118	19.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	57531	19.149	ug/l	99
67) Ethyl Benzene	9.578	91	296347	19.171	ug/l	99
68) m/p-Xylenes	9.700	106	229539	40.069	ug/l	99
69) o-Xylene	10.108	106	108817	19.830	ug/l	99
70) Styrene	10.121	104	190632	20.302	ug/l	99
71) Bromoform	10.298	173	50317	19.194	ug/l #	98
73) Isopropylbenzene	10.491	105	293395	20.061	ug/l	99
74) N-amyl acetate	10.327	43	123173	18.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	126426	19.020	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	124485m	20.476	ug/l	
77) Bromobenzene	10.790	156	73085	20.737	ug/l	96
78) n-propylbenzene	10.912	91	369495	19.581	ug/l	98
79) 2-Chlorotoluene	10.992	91	224098	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	264517	20.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	38333	18.411	ug/l	99
82) 4-Chlorotoluene	11.102	91	265530	20.053	ug/l	99
83) tert-Butylbenzene	11.426	119	239785	19.840	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	265233	19.484	ug/l	100
85) sec-Butylbenzene	11.651	105	317751	20.151	ug/l	99
86) p-Isopropyltoluene	11.799	119	273826	20.437	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	140399	19.989	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	142012	19.146	ug/l	99
89) n-Butylbenzene	12.214	91	251137	18.541	ug/l	100
90) Hexachloroethane	12.481	117	41601	18.108	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	137306	19.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	26900	18.463	ug/l	97
93) 1,2,4-Trichlorobenzene	13.847	180	80780	19.781	ug/l	99
94) Hexachlorobutadiene	14.028	225	45492	19.540	ug/l	99
95) Naphthalene	14.092	128	256702	19.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	81351	20.679	ug/l	100

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

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