

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046139.D
 Acq On : 07 Dec 2021 14:40
 Operator : SY/MD
 Sample : M4960-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKS3

Quant Time: Dec 08 04:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	235029	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228101	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87318	45.101	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.200%		
7) Chloroethane-d5	1.919	69	65827	44.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.560%		
11) 1,1-Dichloroethene-d2	2.572	63	121130	34.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.700%		
21) 2-Butanone-d5	4.639	46	128301	83.363	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.360%		
24) Chloroform-d	5.067	84	153535	47.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	5.703	65	98985	45.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.240%		
32) Benzene-d6	5.729	84	323504	49.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
36) 1,2-Dichloropropane-d6	6.694	67	98533	48.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.260%		
41) Toluene-d8	7.899	98	303132	50.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.840%		
43) trans-1,3-Dichloroprop...	8.179	79	47111	48.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.340%		
47) 2-Hexanone-d5	8.632	63	101078	105.215	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.210%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146383	47.639	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.280%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123140	51.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.540%		
Target Compounds					Qvalue	
13) Acetone	2.658	43	9770	5.079	ug/L	95
19) 1,1-Dichloroethane	3.874	63	61515	19.673	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	18936	10.148	ug/L	99
22) 2-Butanone	4.723	43	5146	2.458	ug/L	80
27) 1,2-Dichloroethane	5.797	62	4116	1.597	ug/L	98
29) Cyclohexane	5.388	56	6716	2.529	ug/L	88
33) Benzene	5.777	78	48955	7.091	ug/L	100
35) Methylcyclohexane	6.771	83	3610	1.280	ug/L #	72
42) Toluene	7.970	91	243354	32.851	ug/L	99
51) Chlorobenzene	9.446	112	3790	0.791	ug/L	92
52) Ethylbenzene	9.571	91	407143	51.068	ug/L	98
53) m,p-Xylene	9.693	106	192034	61.764	ug/L	100
54) o-xylene	10.102	106	75380	24.986	ug/L	95
61) Isopropylbenzene	10.484	105	102371	12.617	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	37125	5.489	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	198137	29.282	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	15090	3.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	7104	2.851	ug/L #	86

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

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