

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046056.D
 Acq On : 02 Dec 2021 16:42
 Operator : SY/MD
 Sample : M4870-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP5

Quant Time: Dec 03 05:12:22 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	6.250	114	236049	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	234788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66436	34.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.340%
7) Chloroethane-d5	1.915	69	53810	36.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.080%
11) 1,1-Dichloroethene-d2	2.571	63	95614	27.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.780%#
21) 2-Butanone-d5	4.632	46	132742	85.876	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.066	84	137618	42.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	5.703	65	93302	42.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
32) Benzene-d6	5.729	84	290789	43.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.420%
36) 1,2-Dichloropropane-d6	6.693	67	93941	45.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	7.899	98	263850	43.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	8.179	79	43446	43.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
47) 2-Hexanone-d5	8.632	63	92656	93.701	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134435	42.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	107003	45.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
13) Acetone	2.645	43	331075	171.378	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	6918	3.691	ug/L	99
22) 2-Butanone	4.713	43	46678	22.196	ug/L	99
27) 1,2-Dichloroethane	5.796	62	2615	1.010	ug/L #	73
33) Benzene	5.777	78	12854	1.809	ug/L	100
34) Trichloroethene	6.545	95	7362	3.933	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	15109	5.524	ug/L	97
42) Toluene	7.970	91	24427	3.204	ug/L	96
52) Ethylbenzene	9.571	91	20029	2.441	ug/L	99
53) m,p-Xylene	9.693	106	28394	8.872	ug/L	98
54) o-xylene	10.102	106	13498	4.347	ug/L	97
55) Styrene	10.114	104	6515	1.229	ug/L	85
61) Isopropylbenzene	10.484	105	7998	1.012	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	8204	1.245	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	28671	4.349	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3203	0.847	ug/L	91

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