

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060202.D
 Acq On : 26 Jul 2024 03:48
 Operator : MD/SY
 Sample : P3347-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW5

Quant Time: Jul 26 05:12:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	226146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	125577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67911	46.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.540%
7) Chloroethane-d5	1.905	69	55277	45.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	2.560	63	79205	30.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.400%
21) 2-Butanone-d5	4.621	46	86156	85.380	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.380%
24) Chloroform-d	5.052	84	116333	41.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.740%
26) 1,2-Dichloroethane-d4	5.692	65	70264	42.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.060%
32) Benzene-d6	5.718	84	232952	39.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.100%
36) 1,2-Dichloropropane-d6	6.682	67	79970	43.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.740%
41) Toluene-d8	7.891	98	196400	35.062	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.120%#
43) trans-1,3-Dichloroprop...	8.174	79	31350	36.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.500%
47) 2-Hexanone-d5	8.628	63	54152	70.483	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	117601	42.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.060%
66) 1,2-Dichlorobenzene-d4	12.187	152	87983	38.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.260%#
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.355	73	21382	4.769	ug/L	# 75
33) Benzene	5.766	78	370705	59.680	ug/L	100
42) Toluene	7.962	91	139568	20.582	ug/L	98
52) Ethylbenzene	9.563	91	49676	6.860	ug/L	98
53) m,p-Xylene	9.689	106	73908	26.213	ug/L	100
54) o-Xylene	10.094	106	58421	21.547	ug/L	94
55) Styrene	10.110	104	35742	7.814	ug/L	89
61) Isopropylbenzene	10.480	105	16696	2.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	54769	10.220	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	175628	30.597	ug/L	97

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

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