

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060212.D
 Acq On : 26 Jul 2024 07:45
 Operator : MD/SY
 Sample : P3347-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY8

Quant Time: Jul 26 08:08:41 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	239520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115632	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71242	46.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.640%
7) Chloroethane-d5	1.904	69	58007	44.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.560	63	84790	31.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.060%
21) 2-Butanone-d5	4.618	46	107070	100.181	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.052	84	118192	39.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.380%
26) 1,2-Dichloroethane-d4	5.695	65	72490	40.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.880%
32) Benzene-d6	5.721	84	247754	40.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.640%
36) 1,2-Dichloropropane-d6	6.682	67	84203	44.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.540%
41) Toluene-d8	7.891	98	206256	35.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.580%#
43) trans-1,3-Dichloroprop...	8.174	79	30938	34.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.520%
47) 2-Hexanone-d5	8.627	63	67468	84.170	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.170%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	124551	42.665	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	12.187	152	87281	41.076	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.160%
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	20183	18.339	ug/L	100
14) Carbon disulfide	2.788	76	7147	1.994	ug/L #	94
33) Benzene	5.769	78	100453	15.501	ug/L	100
42) Toluene	7.965	91	42563	6.016	ug/L	98
52) Ethylbenzene	9.563	91	98427	13.028	ug/L	98
53) m,p-Xylene	9.689	106	29626	10.071	ug/L	95
54) o-Xylene	10.094	106	18145	6.414	ug/L	92
61) Isopropylbenzene	10.480	105	23445	3.478	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	9601	1.946	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	24676	4.669	ug/L	97

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

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