

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060180.D
 Acq On : 25 Jul 2024 18:43
 Operator : MD/SY
 Sample : P3335-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E20K5

Quant Time: Jul 26 02:42:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	209400	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81705	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71462	53.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.300%
7) Chloroethane-d5	1.904	69	56238	49.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.460%
11) 1,1-Dichloroethene-d2	2.560	63	82990	34.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.480%
21) 2-Butanone-d5	4.621	46	118717	127.056	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.060%
24) Chloroform-d	5.055	84	117066	44.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.920%
26) 1,2-Dichloroethane-d4	5.695	65	72384	46.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
32) Benzene-d6	5.721	84	237877	43.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	6.682	67	81851	47.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.780%
41) Toluene-d8	7.894	98	191430	36.455	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.920%#
43) trans-1,3-Dichloroprop...	8.174	79	30843	38.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.140%
47) 2-Hexanone-d5	8.627	63	69786	96.893	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.890%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121033	46.142	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	12.190	152	65707	43.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2598	1.734	ug/L #	63
13) Acetone	2.628	43	7071	7.349	ug/L	94
17) trans-1,2-Dichloroethene	3.351	96	6989	5.468	ug/L	92
20) cis-1,2-Dichloroethene	4.660	96	3175	2.051	ug/L	87
34) Trichloroethene	6.537	95	5483	3.528	ug/L	82

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

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