

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036706.D
 Acq On : 25 Jul 2024 14:40
 Operator : SY/MD
 Sample : P3276-15
 Misc : 8.61g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 26 05:01:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	423368	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	47961	10.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.360%
7) Chloroethane-d5	1.526	69	57977	13.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.360%
11) 1,1-Dichloroethene-d2	2.047	65	25568	10.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.720%#
21) 2-Butanone-d5	3.841	46	10637	9.829	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.660%#
24) Chloroform-d	4.243	84	191476	17.101	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.400%
26) 1,2-Dichloroethane-d4	4.941	65	105498	19.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	4.957	84	260289	13.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.360%
36) 1,2-Dichloropropane-d6	5.985	67	99052	18.483	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.920%
41) Toluene-d8	7.243	98	195943	10.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	43.680%
43) trans-1,3-Dichloroprop...	7.555	79	39174	16.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.760%
47) 2-Hexanone-d5	8.034	63	28451	39.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101780	21.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	106323	21.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	5292	3.010	ug/L #	1
16) Methylene chloride	2.439	84	22409	2.845	ug/L	96
20) cis-1,2-Dichloroethene	3.818	96	20733	3.010	ug/L	98
25) Chloroform	4.272	83	8165	0.654	ug/L	99
34) Trichloroethene	5.838	95	5357	0.726	ug/L	94
48) 2-Hexanone	8.030	43	4115	2.167	ug/L #	69
61) 1,2,3-Trichloropropane	11.185	75	12474	4.958	ug/L #	58

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

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