

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071224\
 Data File : VW036512.D
 Acq On : 12 Jul 2024 16:58
 Operator : SY/MD
 Sample : P3215-14
 Misc : 5.17g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D31

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
 Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340074	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40558	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128629	26.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.600%
7) Chloroethane-d5	1.529	69	113065	26.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.160%
11) 1,1-Dichloroethene-d2	2.053	65	58342	23.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.280%
21) 2-Butanone-d5	3.857	46	26851m	32.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.400%
24) Chloroform-d	4.243	84	216533	21.875	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	4.941	65	105836	21.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.240%
32) Benzene-d6	4.957	84	382585	35.606	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.440%#
36) 1,2-Dichloropropane-d6	5.986	67	120003	37.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.880%#
41) Toluene-d8	7.243	98	263494	26.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.320%
43) trans-1,3-Dichloroprop...	7.558	79	23543	17.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.720%
47) 2-Hexanone-d5	8.040	63	6423	18.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	63793	23.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30151	21.906	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.640%

Target Compounds Qvalue

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

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