

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036515.D
 Acq On : 12 Jul 2024 18:29
 Operator : SY/MD
 Sample : P3215-17
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DA3

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 04:12:05 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	503738	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	514654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	145595	20.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
7) Chloroethane-d5	1.529	69	123231	19.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.120%
11) 1,1-Dichloroethene-d2	2.053	65	69840	18.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.400%
21) 2-Butanone-d5	3.857	46	36511m	29.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.120%
24) Chloroform-d	4.243	84	263425	17.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.880%
26) 1,2-Dichloroethane-d4	4.937	65	130667	17.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.880%
32) Benzene-d6	4.953	84	506225	19.716	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.880%
36) 1,2-Dichloropropane-d6	5.985	67	148413	19.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.600%
41) Toluene-d8	7.239	98	445452	18.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.551	79	54857	17.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.960%
47) 2-Hexanone-d5	8.034	63	22930	26.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102639	15.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	175011	22.643	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.560%

Target Compounds Qvalue

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

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