

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035921.D
 Acq On : 31 May 2024 11:57
 Operator : SY/MD
 Sample : P2659-18
 Misc : 4.81g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC39

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
 Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: May 31 23:01:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	446306	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	368316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	131942	16.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.320%
7) Chloroethane-d5	1.529	69	116456	17.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.053	65	57928	15.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.440%
21) 2-Butanone-d5	3.847	46	63152m	33.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.080%
24) Chloroform-d	4.246	84	243211	17.141	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.560%
26) 1,2-Dichloroethane-d4	4.941	65	131693	17.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.800%
32) Benzene-d6	4.957	84	439099	20.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.240%
36) 1,2-Dichloropropane-d6	5.986	67	151889	22.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	7.243	98	317737	16.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.800%
43) trans-1,3-Dichloroprop...	7.558	79	43117	15.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.000%
47) 2-Hexanone-d5	8.034	63	27168	29.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113268	21.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	74032	18.879	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.520%

Target Compounds Qvalue

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

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