

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035834.D
 Acq On : 28 May 2024 10:38
 Operator : SY/MD
 Sample : P2589-20
 Misc : 6.02g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH6D4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 29 02:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	650367	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	644975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	278193	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	192725	19.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
7) Chloroethane-d5	1.526	69	158223	19.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
11) 1,1-Dichloroethene-d2	2.050	65	85544	19.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.880%
21) 2-Butanone-d5	3.841	46	75980m	26.634	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.260%
24) Chloroform-d	4.240	84	346110	17.901	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	4.934	65	186791	19.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.160%
32) Benzene-d6	4.950	84	673119	19.065	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.280%
36) 1,2-Dichloropropane-d6	5.982	67	217087	19.924	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.680%
41) Toluene-d8	7.240	98	564218	17.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.840%
43) trans-1,3-Dichloroprop...	7.551	79	81877	17.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.280%
47) 2-Hexanone-d5	8.030	63	43010	21.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	154706	14.735	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	195202	20.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%

Target Compounds Qvalue

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

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