

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035764.D
 Acq On : 24 May 2024 21:52
 Operator : SY/MD
 Sample : P2589-08
 Misc : 6.37g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5W7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 02:48:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	645779	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	687189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	278970	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	212595	21.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
7) Chloroethane-d5	1.526	69	173424	21.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	2.053	65	90319	20.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.760%
21) 2-Butanone-d5	3.834	46	86862	30.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.340%
24) Chloroform-d	4.243	84	390270	20.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.320%
26) 1,2-Dichloroethane-d4	4.937	65	225966	23.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	4.957	84	741290	19.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.840%
36) 1,2-Dichloropropane-d6	5.985	67	248377	21.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.243	98	621141	18.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.551	79	99054	19.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.800%
47) 2-Hexanone-d5	8.030	63	63505	30.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	203673	18.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	212497	21.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
13) Acetone	2.150	43	22631m	5.458	ug/L	
16) Methylene chloride	2.442	84	53882	3.618	ug/L	98

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

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