

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035708.D
 Acq On : 23 May 2024 17:38
 Operator : SY/MD
 Sample : P2568-22
 Misc : 5.07g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH643

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 03:43:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	376323	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324423	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	105983	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	138307	23.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	1.529	69	137856m	29.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.520%
11) 1,1-Dichloroethene-d2	2.053	65	63671	24.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.920%
21) 2-Butanone-d5	3.854	46	30337m	18.378	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.760%
24) Chloroform-d	4.246	84	348345	31.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.560%
26) 1,2-Dichloroethane-d4	4.941	65	171452	30.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.000%
32) Benzene-d6	4.957	84	578930	32.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.400%
36) 1,2-Dichloropropane-d6	5.986	67	212306	38.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.960%#
41) Toluene-d8	7.243	98	428652	27.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.480%
43) trans-1,3-Dichloroprop...	7.558	79	48366	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.560%
47) 2-Hexanone-d5	8.047	63	9890	10.036	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	149237	28.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	123537	33.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	134.360%#
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	71666	8.258	ug/L	99

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

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