

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035707.D
 Acq On : 23 May 2024 17:15
 Operator : SY/MD
 Sample : P2568-21
 Misc : 5.46g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH642

Manual Integrations
 APPROVED

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

Quant Time: May 24 03:42:50 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	327885	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	256618	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	80859	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	122124	24.098	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.400%		
7) Chloroethane-d5	1.529	69	121826	29.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.200%		
11) 1,1-Dichloroethene-d2	2.053	65	54622	24.346	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	97.400%		
21) 2-Butanone-d5	3.883	46	14858m	10.331	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	20.660%		
24) Chloroform-d	4.246	84	303427	31.128	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	124.520%		
26) 1,2-Dichloroethane-d4	4.940	65	149402	31.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	124.000%		
32) Benzene-d6	4.956	84	452172	32.189	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	128.760%		
36) 1,2-Dichloropropane-d6	5.985	67	185972	42.900	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	171.600%#		
41) Toluene-d8	7.243	98	320502	25.636	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.560%		
43) trans-1,3-Dichloroprop...	7.561	79	28972	15.627	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.520%		
47) 2-Hexanone-d5	8.059	63	5769m	7.401	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	14.800%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	128586	30.782	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.120%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	92232	32.867	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	131.480%#		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	61050	8.074	ug/L	96

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

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