

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035656.D
 Acq On : 21 May 2024 22:09
 Operator : SY/MD
 Sample : P2547-16
 Misc : 5.27g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X3

Quant Time: May 22 02:40:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	207311	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85136	26.570	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.280%			
7) Chloroethane-d5	1.529	69	83600	32.341	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.360%			
11) 1,1-Dichloroethene-d2	2.053	65	37524	26.452	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.800%			
21) 2-Butanone-d5	3.863	46	34261m	37.677	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.360%			
24) Chloroform-d	4.246	84	208420	33.817	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 135.280%			
26) 1,2-Dichloroethane-d4	4.944	65	109575	35.963	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.840%#			
32) Benzene-d6	4.957	84	317849	34.442	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 137.760%#			
36) 1,2-Dichloropropane-d6	5.989	67	127177	44.656	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 178.640%#			
41) Toluene-d8	7.243	98	202703	24.680	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.720%			
43) trans-1,3-Dichloroprop...	7.561	79	27042	22.202	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.800%			
47) 2-Hexanone-d5	8.043	63	13603	26.563	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.120%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	98332	35.831	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 143.320%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	44985	28.863	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.440%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	67753	14.173	ug/L	96

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

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