

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035840.D
 Acq On : 28 May 2024 12:55
 Operator : SY/MD
 Sample : P2586-04RE
 Misc : 5.22g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D17RE

Manual Integrations
 APPROVED

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

Quant Time: May 29 02:26:13 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	5.532	114	431490	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	78378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	155123	23.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.040%		
7) Chloroethane-d5	1.529	69	127667	23.729	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.920%		
11) 1,1-Dichloroethene-d2	2.053	65	64677	21.906	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.640%		
21) 2-Butanone-d5	3.866	46	27326m	14.438	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	28.880%		
24) Chloroform-d	4.246	84	255860	19.945	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.800%		
26) 1,2-Dichloroethane-d4	4.940	65	119673	18.871	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.480%		
32) Benzene-d6	4.956	84	484235	27.643	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.560%		
36) 1,2-Dichloropropane-d6	5.985	67	151860	28.091	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.360%		
41) Toluene-d8	7.243	98	336963	21.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	7.558	79	37592	16.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.040%		
47) 2-Hexanone-d5	8.040	63	14899	15.327	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	30.660%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	75061	14.409	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	57.640%		
66) 1,2-Dichlorobenzene-d4	11.561	152	54062	19.875	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.520%		
Target Compounds						
16) Methylene chloride	2.442	84	27946	2.809	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	51693	6.346	ug/L	98
34) Trichloroethene	5.841	95	12429	2.075	ug/L	96
46) Tetrachloroethene	7.905	164	30384	6.243	ug/L	99

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

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