

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035737.D
 Acq On : 24 May 2024 11:37
 Operator : SY/MD
 Sample : P2570-10
 Misc : 4.94g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH6B9

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	440691	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	376465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	118581	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	108975	15.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
7) Chloroethane-d5	1.529	69	102255	18.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
11) 1,1-Dichloroethene-d2	2.056	65	48094	15.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.800%
21) 2-Butanone-d5	3.860	46	43587m	22.549	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.100%
24) Chloroform-d	4.249	84	230525	17.595	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	4.940	65	122630	18.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.720%
32) Benzene-d6	4.956	84	404284	19.618	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.480%
36) 1,2-Dichloropropane-d6	5.989	67	143993	22.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	7.243	98	293130	15.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.920%
43) trans-1,3-Dichloroprop...	7.561	79	36233	13.322	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.280%
47) 2-Hexanone-d5	8.040	63	16623	14.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	102752	16.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	60468	14.693	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.760%#
Target Compounds						Qvalue
15) Methyl Acetate	2.387	43	15540m	3.625	ug/L	
16) Methylene chloride	2.442	84	62777	6.177	ug/L	95

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

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