

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035749.D
 Acq On : 24 May 2024 16:09
 Operator : SY/MD
 Sample : P2577-05
 Misc : 5.51g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBN3

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:48:10 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	365475	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	319895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	159400	28.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.880%
7) Chloroethane-d5	1.526	69	125144	27.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.840%
11) 1,1-Dichloroethene-d2	2.053	65	63007	25.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.760%
21) 2-Butanone-d5	3.847	46	49561	30.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.840%
24) Chloroform-d	4.246	84	248701	22.889	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	4.941	65	138873	25.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.957	84	469914	26.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.360%
36) 1,2-Dichloropropane-d6	5.989	67	153817	28.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.840%
41) Toluene-d8	7.243	98	354106	22.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	7.558	79	50602	21.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%
47) 2-Hexanone-d5	8.037	63	29884	30.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	115588	22.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	82860	24.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds					Qvalue	
13) Acetone	2.156	43	52133m	22.216	ug/L	
16) Methylene chloride	2.442	84	20962	2.487	ug/L	96

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

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