

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035909.D
 Acq On : 30 May 2024 20:35
 Operator : SY/MD
 Sample : P2659-10
 Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC31

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
 Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: May 31 00:55:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	515820	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	515154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	191631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	131685	13.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.560%
7) Chloroethane-d5	1.526	69	114192	15.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.400%
11) 1,1-Dichloroethene-d2	2.053	65	58069	13.755	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.000%
21) 2-Butanone-d5	3.847	46	74852m	34.402	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.800%
24) Chloroform-d	4.246	84	277198	16.903	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.600%
26) 1,2-Dichloroethane-d4	4.937	65	160534	18.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.680%
32) Benzene-d6	4.957	84	490534	16.019	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.080%
36) 1,2-Dichloropropane-d6	5.986	67	176405	18.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.160%
41) Toluene-d8	7.243	98	389166	14.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.600%
43) trans-1,3-Dichloroprop...	7.555	79	60471	15.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.160%
47) 2-Hexanone-d5	8.030	63	38201	29.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	161349	22.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	136481	19.421	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.680%
Target Compounds						
16) Methylene chloride	2.442	84	43532	3.730	ug/L	Qvalue 97

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

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