

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035740.D
 Acq On : 24 May 2024 12:45
 Operator : SY/MD
 Sample : P2566-22
 Misc : 5.11g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW5

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:45:59 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	486065	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	458317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	160449	21.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
7) Chloroethane-d5	1.529	69	125627	20.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
11) 1,1-Dichloroethene-d2	2.053	65	66917	20.119	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	3.847	46	56719m	26.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.200%
24) Chloroform-d	4.246	84	259040	17.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.720%
26) 1,2-Dichloroethane-d4	4.941	65	144366	20.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.840%
32) Benzene-d6	4.957	84	505266	20.140	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.560%
36) 1,2-Dichloropropane-d6	5.986	67	161077	20.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	7.243	98	402077	18.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.040%
43) trans-1,3-Dichloroprop...	7.555	79	59658	18.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.080%
47) 2-Hexanone-d5	8.037	63	30910	22.202	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.400%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	122603	16.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	127696	21.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%

Target Compounds Qvalue

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

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