

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:20:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	701519	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	637803	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	246741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173178	13.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.720%
7) Chloroethane-d5	1.526	69	160455	15.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.400%
11) 1,1-Dichloroethene-d2	2.050	65	82615	14.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.560%
21) 2-Butanone-d5	3.844	46	85706m	28.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.920%
24) Chloroform-d	4.243	84	388057	17.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.600%
26) 1,2-Dichloroethane-d4	4.941	65	192598	16.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.880%#
32) Benzene-d6	4.957	84	705439	18.607	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.440%
36) 1,2-Dichloropropane-d6	5.986	67	238772	19.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.000%
41) Toluene-d8	7.240	98	553912	16.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.240%
43) trans-1,3-Dichloroprop...	7.555	79	77622	15.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.440%
47) 2-Hexanone-d5	8.034	63	50060	30.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	166188	18.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	159747	17.655	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	64926	14.085	ug/L #	45
16) Methylene chloride	2.442	84	49075	3.092	ug/L	97
22) 2-Butanone	3.941	43	25361m	6.484	ug/L	
46) Tetrachloroethene	7.908	164	12679	1.356	ug/L	98

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

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