

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035778.D
 Acq On : 25 May 2024 03:14
 Operator : SY/MD
 Sample : P2570-21RE
 Misc : 5.20g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH653RE

Manual Integrations
 APPROVED

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

Quant Time: May 25 05:08:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	81556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	24811	19.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
7) Chloroethane-d5	1.529	69	25285	24.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.440%
11) 1,1-Dichloroethene-d2	2.056	65	10884	19.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	3.851	46	16958m	47.404	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.800%
24) Chloroform-d	4.253	84	74009	30.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.080%
26) 1,2-Dichloroethane-d4	4.947	65	48883	40.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.120%#
32) Benzene-d6	4.963	84	111125	25.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	5.989	67	48454	35.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.080%#
41) Toluene-d8	7.246	98	77478	19.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.760%
43) trans-1,3-Dichloroprop...	7.567	79	12178	20.873	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	8.053	63	4050	16.510	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	43727	33.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.040%#
66) 1,2-Dichlorobenzene-d4	11.564	152	27860	31.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.600%#
Target Compounds					Qvalue	
13) Acetone	2.150	43	7303m	13.946	ug/L	
16) Methylene chloride	2.446	84	13686	7.277	ug/L	96

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

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