

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036060.D
 Acq On : 13 Jun 2024 14:08
 Operator : SY/MD
 Sample : P2850-05
 Misc : 5.41g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	317359	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	253282	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210873	36.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.560%
7) Chloroethane-d5	1.529	69	153004	32.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.560%
11) 1,1-Dichloroethene-d2	2.056	65	85194	32.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	131.200%#
21) 2-Butanone-d5	3.802	46	24864m	18.573	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.140%
24) Chloroform-d	4.246	84	263651	26.131	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	4.941	65	106583	20.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	4.957	84	535435	35.564	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.240%#
36) 1,2-Dichloropropane-d6	5.986	67	153624	32.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.600%#
41) Toluene-d8	7.243	98	417658	31.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	125.760%
43) trans-1,3-Dichloroprop...	7.558	79	40140	20.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.600%
47) 2-Hexanone-d5	8.037	63	14157m	22.039	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	71941	20.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	85751	28.192	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.760%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	1295714	187.417	ug/L	99
6) Bromomethane	1.484	94	5508	1.284	ug/L	93
13) Acetone	2.111	43	28193m	13.520	ug/L	
14) Carbon disulfide	2.240	76	15723	0.891	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	7298	1.352	ug/L	95
20) cis-1,2-Dichloroethene	3.809	96	410066	75.595	ug/L	99
34) Trichloroethene	5.841	95	13263	2.612	ug/L	98
42) Toluene	7.326	91	15073	0.890	ug/L	95
46) Tetrachloroethene	7.912	164	2225	0.599	ug/L	94

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

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