

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061224\
 Data File : VV036045.D
 Acq On : 12 Jun 2024 18:56
 Operator : SY/MD
 Sample : P2850-06
 Misc : 5.32g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB07

Quant Time: Jun 13 02:12:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	372650	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	389344	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	171989	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	166629	24.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
7) Chloroethane-d5	1.529	69	126365	23.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.053	65	70100	22.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	3.841	46	63524	40.412	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.820%
24) Chloroform-d	4.246	84	256426	21.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	4.940	65	147332	23.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	4.957	84	497195	21.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.920%
36) 1,2-Dichloropropane-d6	5.985	67	164363	22.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	7.243	98	401979	19.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.760%
43) trans-1,3-Dichloroprop...	7.555	79	62372	20.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	8.030	63	50268	50.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	152863	28.068	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	155217	24.610	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	275678	33.959	ug/L	99
13) Acetone	2.153	43	36262	14.809	ug/L	97
16) Methylene chloride	2.442	84	57863	6.862	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	3594	0.564	ug/L	85
42) Toluene	7.323	91	32006	1.230	ug/L	100

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

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