

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035684.D
 Acq On : 22 May 2024 18:32
 Operator : SY/MD
 Sample : P2566-04
 Misc : 4.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHT7

Quant Time: May 23 02:26:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	335137	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	259981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90944	17.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
7) Chloroethane-d5	1.529	69	83679	20.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.080%
11) 1,1-Dichloroethene-d2	2.053	65	41294	18.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.040%
21) 2-Butanone-d5	3.831	46	55359	37.659	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.320%
24) Chloroform-d	4.246	84	208721	20.949	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	4.944	65	114084	23.162	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	4.960	84	339433	23.851	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.989	67	124040	28.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.960%
41) Toluene-d8	7.243	98	226048	17.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.561	79	32716	17.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.680%
47) 2-Hexanone-d5	8.034	63	32379	41.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	104437	24.678	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	44145	20.103	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	36652	4.743	ug/L	98
53) m,p-Xylene	9.082	106	3128	0.410	ug/L	90
54) o-Xylene	9.487	106	3105	0.430	ug/L	90
62) 1,3,5-Trimethylbenzene	10.484	105	2503	0.379	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	5714	0.841	ug/L	98

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

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