

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037002.D
 Acq On : 22 Aug 2024 11:16
 Operator : SY/MD
 Sample : VIBLK336
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK336

Quant Time: Aug 23 05:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	699824	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	620688	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	276417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181446	18.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
7) Chloroethane-d5	1.532	69	171303	20.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.680%
11) 1,1-Dichloroethene-d2	2.056	65	94674	20.042	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.160%
21) 2-Butanone-d5	3.838	46	60125	33.062	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.120%
24) Chloroform-d	4.236	84	408120	20.694	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.760%
26) 1,2-Dichloroethane-d4	4.934	65	185109	20.405	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	4.950	84	842242	22.644	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.560%
36) 1,2-Dichloropropane-d6	5.982	67	250375	22.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	7.236	98	769266	22.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	7.551	79	78499	19.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.920%
47) 2-Hexanone-d5	8.037	63	29213	29.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.660%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115338	18.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	225616	22.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	37608	2.702	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	11910	0.342	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	11668	0.626	ug/L	92
65) 1,4-Dichlorobenzene	11.204	146	14090	0.757	ug/L	96
67) 1,2-Dichlorobenzene	11.570	146	11245	0.697	ug/L	89
70) 1,2,4-trichlorobenzene	13.197	180	17176	1.653	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	15783	1.835	ug/L	95

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

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