

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036301.D
 Acq On : 27 Jun 2024 10:11
 Operator : SY/MD
 Sample : VIBLK303
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK303

Quant Time: Jun 28 00:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	398333	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	394877	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	189287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	167677	24.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.160%
7) Chloroethane-d5	1.526	69	133035	24.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.480%
11) 1,1-Dichloroethene-d2	2.050	65	76728	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.520%
21) 2-Butanone-d5	3.835	46	55582	35.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.800%
24) Chloroform-d	4.240	84	280105	23.823	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	4.934	65	156574	24.971	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.880%
32) Benzene-d6	4.950	84	570396	25.589	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.360%
36) 1,2-Dichloropropane-d6	5.982	67	173482	25.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	7.240	98	498153	24.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	7.551	79	74123	24.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.040%
47) 2-Hexanone-d5	8.031	63	44207	41.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	130721	23.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	185964	26.960	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.840%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	39746	5.068	ug/L	99
25) Chloroform	4.265	83	9115	0.772	ug/L	87
60) Isopropylbenzene	9.870	105	7910	0.346	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	6579	0.370	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	9606	0.806	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	12985	1.016	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	12160	1.068	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	15264	2.132	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	17039	2.531	ug/L	98

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

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