

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041924\  
 Data File : VW028496.D  
 Acq On : 19 Apr 2024 15:13  
 Operator : SY/MD  
 Sample : VIBLK432  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 VIBLK432

Quant Time: Apr 19 21:48:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 19 21:45:04 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	325807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	303322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144359	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	79421	15.205	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	60.840%		
7) Chloroethane-d5	2.899	69	65037	16.428	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	65.720%		
11) 1,1-Dichloroethene-d2	4.021	65	36262	16.394	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	65.560%		
21) 2-Butanone-d5	7.075	46	51379	52.567	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	105.140%		
24) Chloroform-d	7.648	84	166964	19.639	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	78.560%		
26) 1,2-Dichloroethane-d4	8.301	65	97772	22.130	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	88.520%		
32) Benzene-d6	8.270	84	316117	19.077	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	76.320%		
36) 1,2-Dichloropropane-d6	9.270	67	100350	20.374	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	81.480%		
41) Toluene-d8	10.319	98	285044	18.918	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	75.680%		
43) trans-1,3-Dichloroprop...	10.575	79	38985	19.906	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	79.640%		
47) 2-Hexanone-d5	10.922	63	33998	49.831	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	99.660%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84969	24.451	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	97.800%		
66) 1,2-Dichlorobenzene-d4	13.849	152	97399	21.334	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	85.320%		
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Target Compounds						Qvalue
16) Methylene chloride	4.923	84	31831	6.457	ug/L	96
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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