

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021076.D
 Acq On : 03 Dec 2021 20:04
 Operator : SY/VA
 Sample : M4886-07
 Misc : 5.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX888

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 04 01:41:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	65537	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	56139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	26413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	8758	9.591	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.360%		
7) Chloroethane-d5	2.885	69	8913	14.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.320%		
11) 1,1-Dichloroethene-d2	4.013	63	13070	8.960	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	35.840%#		
21) 2-Butanone-d5	7.079	46	12959	62.221	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.440%		
24) Chloroform-d	7.653	84	39201	23.884	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.520%		
26) 1,2-Dichloroethane-d4	8.311	65	24476	27.259	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.040%		
32) Benzene-d6	8.274	84	63034	21.960	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.840%		
36) 1,2-Dichloropropane-d6	9.274	67	22161	27.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.120%		
41) Toluene-d8	10.323	98	54080	18.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.480%		
43) trans-1,3-Dichloroprop...	10.573	79	6192	17.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.400%		
47) 2-Hexanone-d5	10.920	63	9811	64.284	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.560%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18308	24.808	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	13.853	152	20611	21.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.120%		
Target Compounds						Qvalue
13) Acetone	4.129	43	6468	34.093	ug/L	94
22) 2-Butanone	7.183	43	2372m	9.034	ug/L	
33) Benzene	8.323	78	360874	113.040	ug/L	100
35) Methylcyclohexane	9.335	83	1504	1.015	ug/L	91
42) Toluene	10.390	91	647805	177.659	ug/L	100
52) Ethylbenzene	11.731	91	190885	46.501	ug/L	97
53) m,p-Xylene	11.841	106	1506999	887.432	ug/L	80
54) o-Xylene	12.164	106	679036	424.115	ug/L	93
60) Isopropylbenzene	12.463	105	11849	3.228	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	634315	206.344	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	1846200	597.138	ug/L	93

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

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