

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021444.D
 Acq On : 18 Dec 2021 00:51
 Operator : SY/VA
 Sample : M5153-02
 Misc : 5.48g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL67

Quant Time: Dec 18 03:59:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	109814	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	113266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	67373	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27896	13.948	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.800%		
7) Chloroethane-d5	2.885	69	19075	14.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.720%		
11) 1,1-Dichloroethene-d2	4.013	63	33327	12.499	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.000%		
21) 2-Butanone-d5	7.080	46	16914	59.996	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.000%		
24) Chloroform-d	7.647	84	59078	19.305	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.200%		
26) 1,2-Dichloroethane-d4	8.305	65	36053	22.148	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.600%		
32) Benzene-d6	8.275	84	113829	18.334	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.320%		
36) 1,2-Dichloropropane-d6	9.274	67	33228	19.956	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.840%		
41) Toluene-d8	10.323	98	112350	17.711	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.840%		
43) trans-1,3-Dichloroprop...	10.579	79	14111	18.406	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.640%		
47) 2-Hexanone-d5	10.927	63	13715	55.703	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.400%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30930	21.609	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	46408	17.773	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	71.080%#		
Target Compounds					Qvalue	
13) Acetone	4.123	43	64077	253.536	ug/L	93
14) Carbon disulfide	4.385	76	12953	3.685	ug/L	97
22) 2-Butanone	7.177	43	6951	21.060	ug/L	90
33) Benzene	8.323	78	3523	0.571	ug/L	100
35) Methylcyclohexane	9.335	83	2540	0.889	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	4056	5.409	ug/L #	95
42) Toluene	10.390	91	55323	7.666	ug/L	98
51) Chlorobenzene	11.658	112	271865	56.271	ug/L	91
52) Ethylbenzene	11.731	91	214880	26.057	ug/L	97
53) m,p-Xylene	11.835	106	160155	48.142	ug/L	89
54) o-Xylene	12.164	106	75936	24.052	ug/L	98
60) Isopropylbenzene	12.463	105	74001	8.083	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	168859	21.676	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	714318	92.953	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	23585	5.462	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	150380	35.052	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	126515	33.280	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	18092	6.969	ug/L #	82

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

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