

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021457.D
 Acq On : 18 Dec 2021 06:04
 Operator : SY/VA
 Sample : M5153-10
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL75

Quant Time: Dec 18 23:09:39 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	94998	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	96660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	44936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17089	9.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.520%
7) Chloroethane-d5	2.885	69	15170	13.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.040%
11) 1,1-Dichloroethene-d2	4.013	63	26825	11.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.520%
21) 2-Butanone-d5	7.080	46	19069	78.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.380%#
24) Chloroform-d	7.653	84	60930	23.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	8.305	65	40379	28.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.680%
32) Benzene-d6	8.275	84	108427	20.465	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	9.274	67	35460	24.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.323	98	102898	19.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.040%
43) trans-1,3-Dichloroprop...	10.579	79	14586	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.160%
47) 2-Hexanone-d5	10.920	63	15571	74.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.220%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32748	26.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	33368	19.160	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.640%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	9836	44.988	ug/L	90
14) Carbon disulfide	4.385	76	11801	3.881	ug/L	96
22) 2-Butanone	7.177	43	3039	10.644	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	1306	2.041	ug/L	98
52) Ethylbenzene	11.731	91	4248	0.604	ug/L	98
60) Isopropylbenzene	12.463	105	5556	0.910	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	4566	0.879	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	14570	2.843	ug/L	98

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

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