

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021344.D
 Acq On : 12 Dec 2021 02:21
 Operator : SY/VA
 Sample : M5062-13
 Misc : 6.18g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL12

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/13/2021
 Supervised By : Mahesh Dadoda 12/18/2021

Quant Time: Dec 13 03:23:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	62114	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	41911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26933	23.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
7) Chloroethane-d5	2.879	69	20909	27.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.840%
11) 1,1-Dichloroethene-d2	4.037	63	113096	74.988	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	299.960%#
21) 2-Butanone-d5	7.079	46	11630	72.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.860%#
24) Chloroform-d	7.646	84	49623	28.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.680%
26) 1,2-Dichloroethane-d4	8.305	65	25155	27.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.280%
32) Benzene-d6	8.274	84	85522	37.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.920%#
36) 1,2-Dichloropropane-d6	9.274	67	23423	38.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.080%#
41) Toluene-d8	10.323	98	68806	29.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.240%
43) trans-1,3-Dichloroprop...	10.579	79	8071	28.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.800%
47) 2-Hexanone-d5	10.926	63	6884	75.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.120%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15064	28.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	8951	25.085	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.043	96	175991m	228.581	ug/L	
13) Acetone	4.123	43	2902	20.300	ug/L	86
14) Carbon disulfide	4.385	76	11080	5.573	ug/L	99
16) Methylene chloride	4.921	84	5910	5.758	ug/L	79
17) trans-1,2-Dichloroethene	5.427	96	3316	3.978	ug/L	86
19) 1,1-Dichloroethane	6.220	63	210877	161.202	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	30860	35.097	ug/L	66
27) 1,2-Dichloroethane	8.396	62	1094	1.138	ug/L	# 77
33) Benzene	8.323	78	4790	2.098	ug/L	100
34) Trichloroethene	9.103	95	8503565m	13268.108	ug/L	
42) Toluene	10.390	91	341282	127.811	ug/L	99
46) Tetrachloroethene	10.871	164	8055914m	13231.730	ug/L	
51) Chlorobenzene	11.652	112	1105	0.618	ug/L	# 84
52) Ethylbenzene	11.731	91	5935	1.945	ug/L	97
53) m,p-Xylene	11.835	106	6915	5.618	ug/L	85
54) o-Xylene	12.164	106	5790	4.956	ug/L	86

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