

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021343.D
 Acq On : 12 Dec 2021 01:57
 Operator : SY/VA
 Sample : M5062-07
 Misc : 5.61g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL06

Quant Time: Dec 13 03:22:52 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	8.842	114	49880	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	37796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22054	24.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.120%
7) Chloroethane-d5	2.879	69	17289	28.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.160%
11) 1,1-Dichloroethene-d2	4.032	63	229383	189.396	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	757.600%#
21) 2-Butanone-d5	7.080	46	9351	73.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.040%#
24) Chloroform-d	7.653	84	37785	27.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.720%
26) 1,2-Dichloroethane-d4	8.305	65	20267	27.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.640%
32) Benzene-d6	8.275	84	67775	32.714	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.840%
36) 1,2-Dichloropropane-d6	9.274	67	20273	36.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.960%#
41) Toluene-d8	10.323	98	56284	26.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.360%
43) trans-1,3-Dichloroprop...	10.579	79	6774	26.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.920%
47) 2-Hexanone-d5	10.927	63	6004	73.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.160%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	13873	29.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	11735	24.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	2997	2.992	ug/L	# 48
8) Chloroethane	2.916	64	3966	8.595	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	8665	12.581	ug/L	# 69
12) 1,1-Dichloroethene	4.044	96	417169	674.722	ug/L	# 53
13) Acetone	4.117	43	7585	66.073	ug/L	92
14) Carbon disulfide	4.373	76	2853	1.787	ug/L	# 94
16) Methylene chloride	4.916	84	4398	5.336	ug/L	72
19) 1,1-Dichloroethane	6.214	63	2865890	2728.120	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	5230	7.407	ug/L	79
22) 2-Butanone	7.177	43	1302	8.685	ug/L	93
27) 1,2-Dichloroethane	8.397	62	5503	7.126	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	118060	139.216	ug/L	94
33) Benzene	8.323	78	2010	0.976	ug/L	100
34) Trichloroethene	9.092	95	584456	1011.211	ug/L	89
42) Toluene	10.390	91	37277	15.480	ug/L	94
46) Tetrachloroethene	10.872	164	8983081	16360.980	ug/L	92
52) Ethylbenzene	11.731	91	3573	1.298	ug/L	95
53) m,p-Xylene	11.829	106	9172	8.262	ug/L	76
54) o-Xylene	12.164	106	2466	2.341	ug/L	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	12.463	105	929	0.543	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	4308	2.957	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	14141	9.840	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	592	0.833	ug/L	88

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

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