

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017903.D
 Acq On : 15 Jan 2021 17:22
 Operator : SY/VA
 Sample : M1099-14
 Misc : 6.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C10

Manual Integrations
 APPROVED

apatel
 1/18/2021 8:50:58 AM

Quant Time: Jan 18 03:14:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251313	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96691	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114267	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
7) Chloroethane-d5	2.89	69	102835	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.56%
10) 1,1-Dichloroethene-d2	4.02	63	150655	18.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.32%
20) 2-Butanone-d5	7.09	46	49098	65.98	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.96%
24) Chloroform-d	7.65	84	209551	27.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.08%
26) 1,2-Dichloroethane-d4	8.31	65	126596	31.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.16%
29) Benzene-d6	8.27	84	412698	29.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.60%
33) 1,2-Dichloropropane-d6	9.27	67	121145	31.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.20%#
37) Toluene-d8	10.32	98	356876	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.00%
38) trans-1,3-Dichloropropene-	10.58	79	44900	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.24%
39) 2-Hexanone-d5	10.93	63	34657	70.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88258	30.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	89545	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	24544	38.197	ug/L	65
14) Carbon disulfide	4.39	76	11858	1.086	ug/L	100
16) Methylene chloride	4.92	84	10123m	2.386	ug/L	
21) 2-Butanone	7.19	43	7075m	8.186	ug/L	
52) Chlorobenzene	11.66	112	21628	2.114	ug/L #	86
54) m,p-Xylene	11.84	106	1833	0.252	ug/L	90
55) o-xylene	12.16	106	1703	0.249	ug/L	78
57) Isopropylbenzene	12.46	105	12760	0.674	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	10766	1.804	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	6414	1.069	ug/L	96

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

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