

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017900.D
 Acq On : 15 Jan 2021 16:11
 Operator : SY/VA
 Sample : M1099-12
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C08

Manual Integrations
 APPROVED

apatel
 1/18/2021 8:50:57 AM

Quant Time: Jan 18 03:04:15 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	284226	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114370	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.04%
7) Chloroethane-d5	2.89	69	95417	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
10) 1,1-Dichloroethene-d2	4.02	63	145323	18.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.88%
20) 2-Butanone-d5	7.09	46	48522	68.08	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.16%#
24) Chloroform-d	7.65	84	197728	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	8.31	65	116218	30.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.92%
29) Benzene-d6	8.27	84	380316	28.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.08%
33) 1,2-Dichloropropane-d6	9.27	67	115947	30.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.96%#
37) Toluene-d8	10.32	98	338758	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	10.58	79	42269	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	10.93	63	31841	67.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.54%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	83791	30.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	77230	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

Target Compounds

					Ovalue
13) Acetone	4.14	43	17699	28.756 ug/L	94
14) Carbon disulfide	4.39	76	22345	2.136 ug/L #	94
16) Methylene chloride	4.92	84	11296m	2.779 ug/L	
21) 2-Butanone	7.18	43	5400m	6.523 ug/L	
52) Chlorobenzene	11.66	112	3221	0.328 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	6776	1.272 ug/L	89
64) 1,4-Dichlorobenzene	13.58	146	7184	1.342 ug/L	85

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

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