

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017881.D
 Acq On : 14 Jan 2021 15:40
 Operator : SY/VA
 Sample : M1099-09
 Misc : 2.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1COO

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 6:29:12 PM

Quant Time: Jan 14 23:58:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113549	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
7) Chloroethane-d5	2.89	69	96476	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.08%
10) 1,1-Dichloroethene-d2	4.02	63	148779	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.08	46	45634	57.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.70%
24) Chloroform-d	7.65	84	196789	23.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	8.30	65	115637	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.72%
29) Benzene-d6	8.27	84	390206	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	112652	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	350260	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloropropene-	10.58	79	42085	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	10.93	63	30672	57.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85485	27.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	95212	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds					Ovalue
5) Vinyl chloride	2.35	62	5813	1.113 ug/L #	1
13) Acetone	4.13	43	10544	15.480 ug/L	99
14) Carbon disulfide	4.38	76	5453	0.471 ug/L #	93
16) Methylene chloride	4.92	84	14105m	3.136 ug/L	

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

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