

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102020\
 Data File : VW016950.D
 Acq On : 20 Oct 2020 13:37
 Operator : SY/VA
 Sample : L4471-02
 Misc : 4.01G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:35:34 PM

Quant Time: Oct 21 22:38:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525950	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244223	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113881	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
7) Chloroethane-d5	2.90	69	104809	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.02	63	179142	14.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.48%
20) 2-Butanone-d5	7.09	46	55175	42.22	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
24) Chloroform-d	7.65	84	289973	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	137559	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.32%
29) Benzene-d6	8.28	84	564364	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	9.28	67	160536	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.04%
37) Toluene-d8	10.33	98	515736	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.52%
38) trans-1,3-Dichloropropene-	10.58	79	56756	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	47372	47.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123176	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	199822	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
13) Acetone	4.15	43	4147	4.193 ug/L	70
14) Carbon disulfide	4.39	76	8722m	0.402 ug/L	
16) Methylene chloride	4.93	84	13264	1.643 ug/L	93
35) Trichloroethene	9.10	95	2521	0.316 ug/L	97
47) Tetrachloroethene	10.87	164	192607	26.004 ug/L	96

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

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