

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101920\
 Data File : VW016939.D
 Acq On : 19 Oct 2020 10:57
 Operator : SY/VA
 Sample : L4426-13
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y8

Quant Time: Oct 20 08:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	635725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	536155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120874	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.89	69	107163	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.02	63	193568	14.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	55704	39.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.42%
24) Chloroform-d	7.65	84	289109	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	8.31	65	140579	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.80%
29) Benzene-d6	8.27	84	589153	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.27	67	162586	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	10.33	98	544474	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.80%
38) trans-1,3-Dichloropropene-	10.58	79	64760	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	10.93	63	45492	44.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118536	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	183951	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
13) Acetone	4.14	43	5834	5.427 ug/L	91
14) Carbon disulfide	4.39	76	4721	0.200 ug/L	98
16) Methylene chloride	4.92	84	8492	0.968 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	3720	0.425 ug/L	86
34) Benzene	8.32	78	15930	0.553 ug/L	100
35) Trichloroethene	9.09	95	226986	27.871 ug/L	98
47) Tetrachloroethene	10.87	164	3722369	492.992 ug/L	98

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

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