

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016543.D
 Acq On : 11 Sep 2020 12:18
 Operator : SY/VA
 Sample : L3950-16
 Misc : 5.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ6

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 10:27:28 AM

Quant Time: Sep 12 07:43:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	630196	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	539280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	125894	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.90	69	124685	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	4.03	63	179423	11.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.68%
20) 2-Butanone-d5	7.09	46	58560	24.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.04%
24) Chloroform-d	7.65	84	294047	19.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.68%
26) 1,2-Dichloroethane-d4	8.31	65	145218m	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	8.28	84	525324	19.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.64%
33) 1,2-Dichloropropane-d6	9.28	67	158846	19.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.88%
37) Toluene-d8	10.33	98	471993	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.44%
38) trans-1,3-Dichloropropene-	10.58	79	68034	16.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.96%
39) 2-Hexanone-d5	10.93	63	47402	28.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114629	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	155058	20.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.04%

Target Compounds

					Ovalue
14) Carbon disulfide	4.39	76	4823	0.203 ug/L	95
16) Methylene chloride	4.93	84	11359	1.155 ug/L	99
35) Trichloroethene	9.09	95	1915	0.234 ug/L	76
47) Tetrachloroethene	10.87	164	235174	35.901 ug/L	91

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

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