

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017196.D
 Acq On : 12 Nov 2020 19:40
 Operator : SY/VA
 Sample : L4712-02
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F0

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:51:19 AM

Quant Time: Nov 13 06:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352926	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106283	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.36%
7) Chloroethane-d5	2.89	69	91472	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
10) 1,1-Dichloroethene-d2	4.02	63	157344	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.09	46	43023	36.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.72%
24) Chloroform-d	7.65	84	227308	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	114932	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.27	84	441002	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	119711	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.32	98	429507	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	48053	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	34993	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91787	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	130618	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

					Ovalue
13) Acetone	4.12	43	9135	11.530	ug/L 70
14) Carbon disulfide	4.38	76	6043	0.426	ug/L 99
16) Methylene chloride	4.92	84	8992m	1.588	ug/L
22) cis-1,2-Dichloroethene	7.17	96	1594	0.279	ug/L 94
35) Trichloroethene	9.09	95	41859	8.063	ug/L 98
43) 4-Methyl-2-pentanone	10.22	43	2687	1.005	ug/L 98
47) Tetrachloroethene	10.87	164	384733	82.142	ug/L 96

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

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