

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016243.D
 Acq On : 18 Aug 2020 16:21
 Operator : SY/VA
 Sample : L3709-12
 Misc : 6.83G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ5

Quant Time: Aug 19 07:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374927	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83560	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.92%
7) Chloroethane-d5	2.89	69	68131	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
10) 1,1-Dichloroethene-d2	4.01	63	138056	13.98	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.92%
20) 2-Butanone-d5	7.08	46	50413	41.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.44%
24) Chloroform-d	7.65	84	211958	21.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	8.31	65	107807	20.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.68%
29) Benzene-d6	8.27	84	403171	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.27	67	122947	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.32	98	341484	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.12%
38) trans-1,3-Dichloropropene-	10.58	79	48053	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.04%
39) 2-Hexanone-d5	10.93	63	42784	49.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95788	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	106669	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

					Ovalue
13) Acetone	4.13	43	6629	7.164	ug/L 87
16) Methylene chloride	4.91	84	17648	2.981	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	28795	5.392	ug/L 97
35) Trichloroethene	9.09	95	142330	29.547	ug/L 97
47) Tetrachloroethene	10.88	164	14532399	4024.161	ug/L 96
52) Chlorobenzene	11.66	112	5464	0.437	ug/L 93

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

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