

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016221.D
 Acq On : 17 Aug 2020 16:23
 Operator : SY/VA
 Sample : L3702-14
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP8

Quant Time: Aug 18 04:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432457	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97363	18.16	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.64%
7) Chloroethane-d5	2.89	69	76922	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.60%
10) 1,1-Dichloroethene-d2	4.01	63	167626	14.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.88%
20) 2-Butanone-d5	7.09	46	48905	34.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.32%
24) Chloroform-d	7.65	84	237501	20.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.84%
26) 1,2-Dichloroethane-d4	8.31	65	116482	18.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.60%
29) Benzene-d6	8.27	84	473465	21.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.72%
33) 1,2-Dichloropropane-d6	9.28	67	137635	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.72%
37) Toluene-d8	10.33	98	429133	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	10.58	79	53929	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.93	63	41199	37.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105223	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	146165	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	2937	2.752	ug/L	99
16) Methylene chloride	4.92	84	11576	1.695	ug/L	94
47) Tetrachloroethene	10.87	164	33293	7.218	ug/L	99

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

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