

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015180.D
 Acq On : 10 Apr 2020 14:50
 Operator : SY/VA
 Sample : L2176-05
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J1

Quant Time: Apr 11 06:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 13:10:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1469100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1163106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	451185	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	225460	16.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.92%
7) Chloroethane-d5	2.89	69	177086	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	4.02	63	425838	11.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.07	46	157089	33.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.10%
24) Chloroform-d	7.65	84	588747	16.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.96%
26) 1,2-Dichloroethane-d4	8.31	65	285734	16.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.60%#
29) Benzene-d6	8.27	84	1271852	19.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.04%
33) 1,2-Dichloropropane-d6	9.27	67	399127	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.24%
37) Toluene-d8	10.32	98	1333720	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.57	79	154954	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	10.92	63	139906	39.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	256154	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	243403	15.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	64809	21.514	ug/L	95
21) 2-Butanone	7.17	43	37886	7.714	ug/L	85
30) Cyclohexane	7.95	56	139296	4.305	ug/L	98
36) Methylcyclohexane	9.34	83	2117703	61.029	ug/L	92
44) Toluene	10.38	91	92791	1.217	ug/L	95
53) Ethylbenzene	11.73	91	145020	1.692	ug/L	95
54) m,p-Xylene	11.83	106	623464	18.965	ug/L	98
55) o-xylene	12.16	106	357652	11.383	ug/L	93
57) Isopropylbenzene	12.46	105	946991	11.164	ug/L	98

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

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