

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015183.D
 Acq On : 10 Apr 2020 17:00
 Operator : SY/VA
 Sample : L2176-08
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J4

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 4:02:47 PM

Quant Time: Apr 11 07:20:35 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	1256538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1043295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	419690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	327382	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.20%
7) Chloroethane-d5	2.89	69	215725	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
10) 1,1-Dichloroethene-d2	4.01	63	537269	17.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.28%
20) 2-Butanone-d5	7.07	46	142707	35.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.22%
24) Chloroform-d	7.65	84	638887	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	8.31	65	298319m	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.32%
29) Benzene-d6	8.27	84	1428983	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	9.27	67	418672	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.32	98	1333803	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	169719	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.92	63	123364	38.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257428	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	339663	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	30029	11.655	ug/L	73
36) Methylcyclohexane	9.33	83	99247	3.189	ug/L #	83
44) Toluene	10.39	91	26901	0.393	ug/L	92
53) Ethylbenzene	11.73	91	97209	1.264	ug/L	100
54) m,p-Xylene	11.83	106	3433598	116.440	ug/L	97
55) o-xylene	12.16	106	949037	33.673	ug/L	100
57) Isopropylbenzene	12.46	105	280309	3.684	ug/L #	96
68) 1,2,4-trichlorobenzene	15.13	180	11955	0.784	ug/L #	51

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

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