

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007161.D
 Acq On : 03 Dec 2018 13:11
 Operator : SY/AP
 Sample : J6077-06
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y41

Quant Time: Dec 04 04:00:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 04 03:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	106779	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	110849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	55663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19205	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
7) Chloroethane-d5	2.89	69	19729	30.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.12%
10) 1,1-Dichloroethene-d2	4.02	63	45008	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	7.08	46	22638	61.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.08%
24) Chloroform-d	7.65	84	60753	27.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.64%
26) 1,2-Dichloroethane-d4	8.31	65	33897	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.28	84	108447	20.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.36%
33) 1,2-Dichloropropane-d6	9.30	67	250788	166.19	ug/L	0.03
Spiked Amount	25.000	Range	70 - 120	Recovery	=	664.76%#
37) Toluene-d8	10.33	98	222084	39.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	159.44%#
38) trans-1,3-Dichloropropene-	10.58	79	21669	29.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.48%
39) 2-Hexanone-d5	10.93	63	22576	63.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23554	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	43219	20.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
21) 2-Butanone	7.18	43	13794	34.864	ug/L	88
30) Cyclohexane	7.96	56	986536	408.315	ug/L #	80
34) Benzene	8.33	78	2325903	404.919	ug/L	100
36) Methylcyclohexane	9.34	83	2216442	766.468	ug/L	90
44) Toluene	10.39	91	1487710	216.150	ug/L	100
53) Ethylbenzene	11.74	91	1517924	190.227	ug/L	100
54) m,p-Xylene	11.84	106	1037485	333.218	ug/L	89
55) o-xylene	12.17	106	718295	248.773	ug/L	92
57) Isopropylbenzene	12.47	105	261066	32.516	ug/L	99

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

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