

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007929.D
 Acq On : 26 Dec 2018 17:58
 Operator : SY/AP
 Sample : J6441-07RE
 Misc : 4.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BE7Z6RE

Quant Time: Dec 27 01:54:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 00:43:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	87366	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	58013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	16304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20191	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
7) Chloroethane-d5	2.89	69	14552	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
10) 1,1-Dichloroethene-d2	4.01	63	40051	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.72%
20) 2-Butanone-d5	7.08	46	14490	39.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.92%
24) Chloroform-d	7.65	84	54473	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.30	65	31511	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.27	84	103714	31.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.52%
33) 1,2-Dichloropropane-d6	9.27	67	28843	32.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.36%#
37) Toluene-d8	10.32	98	84146	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.20%
38) trans-1,3-Dichloropropene-	10.58	79	10787	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	11456	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17309	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	13767	20.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	21581	60.156	ug/L	99
14) Carbon disulfide	4.37	76	7870	2.460	ug/L	99
21) 2-Butanone	7.18	43	8076	19.784	ug/L	96
34) Benzene	8.32	78	20235	6.518	ug/L	100
36) Methylcyclohexane	9.34	83	1898	1.227	ug/L #	34
44) Toluene	10.39	91	7119	2.050	ug/L	99
53) Ethylbenzene	11.73	91	4039	1.012	ug/L	99
54) m,p-Xylene	11.83	106	4098	2.726	ug/L	99
55) o-xylene	12.17	106	3161	2.217	ug/L	96
57) Isopropylbenzene	12.47	105	8079	2.000	ug/L	94

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

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