

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004097.D
 Acq On : 21 Jul 2018 02:15
 Operator : SY/AP
 Sample : J4038-11MS
 Misc : 7.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M5MS

Quant Time: Jul 21 06:49:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312398	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	282147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57286	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.89	69	43212	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.60%
10) 1,1-Dichloroethene-d2	4.02	63	162801	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.84%
20) 2-Butanone-d5	7.08	46	77586	42.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.64%
24) Chloroform-d	7.65	84	167666	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	107184	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	8.27	84	290465	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	9.28	67	107517	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.33	98	242391	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.44%
38) trans-1,3-Dichloropropene-	10.59	79	41911	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.40%
39) 2-Hexanone-d5	10.93	63	53835	45.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	111892	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	77099	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	109049	26.224	ug/L	91
13) Acetone	4.12	43	95677	48.567	ug/L	100
14) Carbon disulfide	4.37	76	28197	2.096	ug/L	97
21) 2-Butanone	7.18	43	16283	6.662	ug/L	98
34) Benzene	8.33	78	504667	29.180	ug/L	100
35) Trichloroethene	9.09	95	123787	26.751	ug/L	99
44) Toluene	10.39	91	523288	28.875	ug/L	99
52) Chlorobenzene	11.66	112	306935	26.415	ug/L	99

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

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