

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009757.D
 Acq On : 06 Apr 2019 05:14
 Operator : SY/VA
 Sample : K2188-07
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF651

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:54 AM

Quant Time: Apr 06 07:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	451719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	149936	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.89	69	141239	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
10) 1,1-Dichloroethene-d2	4.01	63	250128	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.72%
20) 2-Butanone-d5	7.08	46	106915	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.64	84	339264	27.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	8.31	65	213578	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.88%
29) Benzene-d6	8.27	84	645069	30.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.48%
33) 1,2-Dichloropropane-d6	9.27	67	203029	31.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.84%#
37) Toluene-d8	10.32	98	553552	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	10.58	79	82170	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.92%
39) 2-Hexanone-d5	10.93	63	76171	62.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141254	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	132820	29.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.36%

Target Compounds

					Ovalue
13) Acetone	4.13	43	61533	29.923 ug/L	96
14) Carbon disulfide	4.37	76	38312	2.054 ug/L	100
16) Methylene chloride	4.92	84	36106m	4.532 ug/L	
21) 2-Butanone	7.17	43	15138m	5.788 ug/L	
44) Toluene	10.38	91	16277	0.636 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	23116	4.943 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	40846	9.337 ug/L	97

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

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