

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009679.D
 Acq On : 04 Apr 2019 02:16
 Operator : SY/VA
 Sample : K2188-01
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF648

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:30 AM

Quant Time: Apr 04 03:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	470948	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432952	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	180458	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.12%
7) Chloroethane-d5	2.89	69	149082	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
10) 1,1-Dichloroethene-d2	4.01	63	279069	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.24%
20) 2-Butanone-d5	7.08	46	112356	56.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.30%
24) Chloroform-d	7.65	84	352192	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.30	65	229144	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	689922	30.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.44%
33) 1,2-Dichloropropane-d6	9.27	67	209964	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.32	98	607483	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.64%
38) trans-1,3-Dichloropropene-	10.58	79	93528	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.72%
39) 2-Hexanone-d5	10.93	63	73642	55.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168755	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187392	30.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	28732	13.402	ug/L	54
16) Methylene chloride	4.91	84	27602	3.323	ug/L	94
21) 2-Butanone	7.18	43	6637m	2.434	ug/L	
52) Chlorobenzene	11.66	112	32037	1.804	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	4244	0.394	ug/L #	75
64) 1,4-Dichlorobenzene	13.58	146	31529	2.748	ug/L	94

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

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