

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009778.D
 Acq On : 06 Apr 2019 17:46
 Operator : SY/VA
 Sample : K2277-20
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R4

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:09 AM

Quant Time: Apr 07 06:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	807875	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	712440	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	263379	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	242918	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
7) Chloroethane-d5	2.89	69	236710	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.76%
10) 1,1-Dichloroethene-d2	4.01	63	436093	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.72%
20) 2-Butanone-d5	7.07	46	183282	53.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.80%
24) Chloroform-d	7.64	84	592287	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.30	65	371657	27.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.84%
29) Benzene-d6	8.27	84	1110079	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	345507	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.32	98	984643	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.88%
38) trans-1,3-Dichloropropene-	10.57	79	155005	28.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.52%
39) 2-Hexanone-d5	10.93	63	129820	59.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	288840	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	272676	29.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.00%

Target Compounds

					Ovalue
13) Acetone	4.12	43	45073	12.256	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	10512	0.942	ug/L 88
22) cis-1,2-Dichloroethene	7.17	96	1726351	144.644	ug/L 99
35) Trichloroethene	9.09	95	1085662	96.781	ug/L 99
47) Tetrachloroethene	10.86	164	4099617	464.022	ug/L 98

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

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