

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009896.D
 Acq On : 10 Apr 2019 22:54
 Operator : SY/VA
 Sample : K2340-21
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S7

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:20 AM

Quant Time: Apr 11 06:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473897	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	457769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116161	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
7) Chloroethane-d5	2.89	69	110886	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
10) 1,1-Dichloroethene-d2	4.03	63	311021	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.28%
20) 2-Butanone-d5	7.07	46	91330	45.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.72%
24) Chloroform-d	7.65	84	350462	27.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	8.31	65	206272m	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.27	84	616965	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.27	67	198302	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	533352	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	75662	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	62543	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158514	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	198929	28.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	142283	22.605	ug/L	96
13) Acetone	4.12	43	8768	4.064	ug/L	80
16) Methylene chloride	4.92	84	18109	2.167	ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	7010	1.001	ug/L	80
47) Tetrachloroethene	10.86	164	4966612	874.898	ug/L	98

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

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