

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009283.D
 Acq On : 20 Mar 2019 13:21
 Operator : SY/VA
 Sample : K1986-05
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B2

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:22 AM

Quant Time: Mar 22 07:08:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	384819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107465	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
7) Chloroethane-d5	2.89	69	101960	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.80%
10) 1,1-Dichloroethene-d2	4.01	63	170239	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.08	46	75069	39.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.94%
24) Chloroform-d	7.64	84	227048	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	8.30	65	137034	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.27	84	436155	22.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.16%
33) 1,2-Dichloropropane-d6	9.27	67	130273	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.68%
37) Toluene-d8	10.32	98	389843	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
38) trans-1,3-Dichloropropene-	10.58	79	59587	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	56740	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123519	21.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	147000	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	10918m	1.946	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	167959	31.120	ug/L	96
35) Trichloroethene	9.09	95	169113	32.311	ug/L	98
47) Tetrachloroethene	10.86	164	81086	18.335	ug/L	98

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

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