

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\
 Data File : VW006917.D
 Acq On : 16 Nov 2018 15:15
 Operator : SY/AP
 Sample : J5944-17
 Misc : 6.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS9

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 4:44:31 PM

Quant Time: Dec 04 01:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	184465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40225	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	31334	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
10) 1,1-Dichloroethene-d2	4.02	63	77799	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	40506	44.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.65	84	98043	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	65905	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	8.28	84	216153	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.28	67	67321	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.12%
37) Toluene-d8	10.33	98	220714	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.58	79	30032	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
39) 2-Hexanone-d5	10.93	63	33247	47.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60042	24.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	72966	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
13) Acetone	4.14	43	2590m	4.454	ug/L
16) Methylene chloride	4.92	84	6062	1.879	ug/L
18) trans-1,2-Dichloroethene	5.43	96	1664	0.692	ug/L
22) cis-1,2-Dichloroethene	7.17	96	23676	9.637	ug/L
35) Trichloroethene	9.10	95	259943	97.460	ug/L
47) Tetrachloroethene	10.87	164	3250	1.594	ug/L

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

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