

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006913.D
 Acq On : 16 Nov 2018 12:09
 Operator : SY/AP
 Sample : J5944-09
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETH1

Manual Integrations
 APPROVED

sam
 11/19/2018 4:34:01 PM

Quant Time: Nov 19 12:39:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 14:10:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	198932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194517	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41539	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
7) Chloroethane-d5	2.89	69	31205	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.02	63	80781	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.09	46	32275	33.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.32%
24) Chloroform-d	7.65	84	99979	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	62598	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.28	84	219625	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.27	67	66828	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.88%
37) Toluene-d8	10.33	98	226031	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.80%
38) trans-1,3-Dichloropropene-	10.58	79	28698	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	25755	33.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53533	19.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	80315	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

					Ovalue
13) Acetone	4.15	43	3715	5.925	ug/L 70
16) Methylene chloride	4.92	84	7613m	2.189	ug/L
22) cis-1,2-Dichloroethene	7.17	96	13323	5.029	ug/L 99
35) Trichloroethene	9.09	95	27551	9.299	ug/L 99
47) Tetrachloroethene	10.86	164	988	0.436	ug/L 93

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

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