

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006918.D
 Acq On : 16 Nov 2018 15:40
 Operator : SY/AP
 Sample : J5944-18
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETH2

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 4:44:32 PM

Quant Time: Nov 19 12:48:05 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	185237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	181677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38006	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	29139	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.03	63	75232	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.09	46	34731	38.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.64%
24) Chloroform-d	7.65	84	92707	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	61097	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.28	84	204524	21.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.16%
33) 1,2-Dichloropropane-d6	9.28	67	63784	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.33	98	212797	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	10.58	79	27853	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	27847	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54135	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	76927	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds

					Ovalue
13) Acetone	4.15	43	2148m	3.679	ug/L
16) Methylene chloride	4.93	84	5837m	1.802	ug/L
22) cis-1,2-Dichloroethene	7.17	96	2416	0.979	ug/L
35) Trichloroethene	9.10	95	7240	2.616	ug/L

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

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