

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006312.D
 Acq On : 24 Oct 2018 11:36
 Operator : SY/AP
 Sample : J5635-02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40C3

Quant Time: Oct 25 07:45:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383619	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	192702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81660	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
7) Chloroethane-d5	2.89	69	86312	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	130775	15.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	7.09	46	60594	42.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
24) Chloroform-d	7.65	84	187779	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.30	65	108326	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.27	84	386950	23.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.60%
33) 1,2-Dichloropropane-d6	9.27	67	111499	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	375275	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	10.58	79	46700	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.84%
39) 2-Hexanone-d5	10.93	63	49853	41.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.56%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	108692	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	160572	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

					Ovalue
13) Acetone	4.15	43	39183	27.046	ug/L 99
16) Methylene chloride	4.91	84	88900	17.949	ug/L 96
19) 1,1-Dichloroethane	6.21	63	126365	16.014	ug/L 98
21) 2-Butanone	7.18	43	23382	12.146	ug/L 100
35) Trichloroethene	9.09	95	42889	8.240	ug/L 99
44) Toluene	10.39	91	163588	7.875	ug/L 99
53) Ethylbenzene	11.74	91	419383	17.341	ug/L 99
54) m,p-Xylene	11.83	106	403278	42.542	ug/L 98

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

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