

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014112.D
 Acq On : 25 Nov 2019 15:35
 Operator : SY/VA
 Sample : K6007-07
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL5

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:19 PM

Quant Time: Nov 26 08:13:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 26 07:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	206666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	100093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75080	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	78655	29.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.68%
10) 1,1-Dichloroethene-d2	4.01	63	118487	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	7.07	46	63085m	65.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.72%
24) Chloroform-d	7.64	84	210390	33.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.44%
26) 1,2-Dichloroethane-d4	8.30	65	93604	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.20%
29) Benzene-d6	8.27	84	413550	58.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	232.92%#
33) 1,2-Dichloropropane-d6	9.27	67	134464	64.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	258.56%#
37) Toluene-d8	10.32	98	260436	38.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	154.68%#
38) trans-1,3-Dichloropropene-	10.57	79	17396	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.92	63	35490	89.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.92%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	75144	47.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	191.32%#
61) 1,2-Dichlorobenzene-d4	13.85	152	23002	37.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	150.84%#

Target Compounds

				Ovalue
13) Acetone	4.12	43	5454	5.595 ug/L 88
16) Methylene chloride	4.92	84	10491	2.637 ug/L 95
30) Cyclohexane	7.96	56	1796	0.561 ug/L # 60
31) 1,1,1-Trichloroethane	7.87	97	3424	1.365 ug/L 93
36) Methylcyclohexane	9.33	83	5275	1.502 ug/L 97

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

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