

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014056.D
 Acq On : 18 Nov 2019 12:08
 Operator : SY/VA
 Sample : K5855-01
 Misc : 7.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3

Quant Time: Nov 19 07:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 07:22:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	112723	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112753	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	103220	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	184461	16.28	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.07	46	100695	62.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.52%
24) Chloroform-d	7.64	84	270826	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	8.30	65	153425	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.68%
29) Benzene-d6	8.27	84	570107	26.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.80%
33) 1,2-Dichloropropane-d6	9.27	67	174765	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.80%
37) Toluene-d8	10.32	98	490357	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	10.57	79	73837	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.28%
39) 2-Hexanone-d5	10.92	63	84015	71.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130678	27.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	107477	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

					Ovalue
13) Acetone	4.12	43	25995	15.923	ug/L 97
14) Carbon disulfide	4.37	76	21186	1.274	ug/L 97
21) 2-Butanone	7.17	43	5858	2.793	ug/L 95
34) Benzene	8.32	78	22223	1.016	ug/L 100
44) Toluene	10.38	91	34209	1.435	ug/L 94
53) Ethylbenzene	11.73	91	9603	0.367	ug/L 90
54) m,p-Xylene	11.84	106	3537	0.348	ug/L 93

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

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