

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014117.D
 Acq On : 25 Nov 2019 17:47
 Operator : SY/VA
 Sample : K6007-16
 Misc : 3.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM2

Manual Integrations
 APPROVED

apatel
 11/27/2019 5:13:32 PM

Quant Time: Nov 26 08:40:03 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	78632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	25110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	2900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	52500	41.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	167.40%#
7) Chloroethane-d5	2.89	69	55662	54.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	218.92%#
10) 1,1-Dichloroethene-d2	4.01	63	66702	25.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.64%
20) 2-Butanone-d5	7.07	46	56991	156.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	312.74%#
24) Chloroform-d	7.64	84	126217	52.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	208.80%#
26) 1,2-Dichloroethane-d4	8.30	65	46264	38.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	152.24%#
29) Benzene-d6	8.27	84	202339	113.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	454.28%#
33) 1,2-Dichloropropane-d6	9.27	67	63804	122.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	489.04%#
37) Toluene-d8	10.32	98	67555	39.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	159.92%#
38) trans-1,3-Dichloropropene-	10.58	79	5228	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	10252	103.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.18%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	26920	68.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	273.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	4048	34.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.96%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	8408	22.671	ug/L	86
16) Methylene chloride	4.91	84	2534m	1.674	ug/L	
19) 1,1-Dichloroethane	6.21	63	1369	0.587	ug/L #	84
30) Cyclohexane	7.95	56	2562	3.188	ug/L #	88
31) 1,1,1-Trichloroethane	7.87	97	52037	82.693	ug/L	99
36) Methylcyclohexane	9.33	83	6345	7.203	ug/L	95
43) 4-Methyl-2-pentanone	10.20	43	1478m	5.049	ug/L	

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

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