

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014134.D
 Acq On : 26 Nov 2019 14:42
 Operator : SY/VA
 Sample : K6007-16RE
 Misc : 3.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM2RE

Manual Integrations
 APPROVED

MMDadoda
 11/27/2019 6:05:27 PM

Quant Time: Nov 27 08:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 27 06:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	52610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	15755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	1579	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42681	50.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	203.40%#
7) Chloroethane-d5	2.89	69	45731	67.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	268.80%#
10) 1,1-Dichloroethene-d2	4.01	63	46601	27.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.20%
20) 2-Butanone-d5	7.07	46	54291m	222.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	445.28%#
24) Chloroform-d	7.65	84	101980	63.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	252.16%#
26) 1,2-Dichloroethane-d4	8.30	65	32938	40.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	162.00%#
29) Benzene-d6	8.27	84	145729	130.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	521.48%#
33) 1,2-Dichloropropane-d6	9.27	67	49109	149.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	599.88%#
37) Toluene-d8	10.32	98	41180	38.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	155.40%#
38) trans-1,3-Dichloropropene-	10.58	79	2712	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.36%
39) 2-Hexanone-d5	10.92	63	7715	124.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	248.48%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	20741	83.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	335.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	2822	44.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	177.92%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	9889	39.853	ug/L	80
16) Methylene chloride	4.92	84	2869m	2.833	ug/L	
19) 1,1-Dichloroethane	6.21	63	1691	1.084	ug/L #	95
30) Cyclohexane	7.96	56	3691m	7.321	ug/L	
31) 1,1,1-Trichloroethane	7.87	97	52597	133.213	ug/L	98
36) Methylcyclohexane	9.33	83	9767	17.671	ug/L	89
43) 4-Methyl-2-pentanone	10.22	43	879m	4.786	ug/L	

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

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