

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014130.D
 Acq On : 26 Nov 2019 12:57
 Operator : SY/VA
 Sample : K6007-09RE
 Misc : 3.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL7RE

Manual Integrations
 APPROVED

MMDadoda
 11/27/2019 6:05:19 PM

Quant Time: Nov 27 07:46:49 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	100232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	31192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57689	36.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.32%
7) Chloroethane-d5	2.88	69	61467	47.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.64%#
10) 1,1-Dichloroethene-d2	4.01	63	73027	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.00%
20) 2-Butanone-d5	7.07	46	68232	146.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	293.74%#
24) Chloroform-d	7.65	84	145015	47.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	188.20%#
26) 1,2-Dichloroethane-d4	8.31	65	58852	37.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	151.92%#
29) Benzene-d6	8.27	84	236511	106.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	427.48%#
33) 1,2-Dichloropropane-d6	9.27	67	80758	124.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	498.28%#
37) Toluene-d8	10.32	98	81858	39.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	156.00%#
38) trans-1,3-Dichloropropene-	10.58	79	6756	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.32%
39) 2-Hexanone-d5	10.92	63	16754	136.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	272.56%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	39357	80.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	321.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	4653	33.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	8370	17.705	ug/L	82
16) Methylene chloride	4.90	84	3217m	1.667	ug/L	
30) Cyclohexane	7.96	56	1331	1.333	ug/L #	79
31) 1,1,1-Trichloroethane	7.87	97	8913	11.402	ug/L	96
36) Methylcyclohexane	9.34	83	3237	2.958	ug/L #	70
44) Toluene	10.38	91	1407	0.564	ug/L	93
54) m,p-Xylene	11.84	106	603	0.567	ug/L #	24

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

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