

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014184.D
 Acq On : 29 Nov 2019 16:26
 Operator : SY/VA
 Sample : K6089-14
 Misc : 3.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR2

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:19:30 PM

Quant Time: Nov 30 06:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	56510	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	21430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	2983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33287	36.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.68%
7) Chloroethane-d5	2.89	69	38960	53.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	213.20%#
10) 1,1-Dichloroethene-d2	4.01	63	42652	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.20%
20) 2-Butanone-d5	7.07	46	65451	249.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	499.76%#
24) Chloroform-d	7.65	84	102945	59.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	237.00%#
26) 1,2-Dichloroethane-d4	8.31	65	47806	54.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	218.92%#
29) Benzene-d6	8.27	84	155285	102.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	408.52%#
33) 1,2-Dichloropropane-d6	9.27	67	59208	132.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	531.72%#
37) Toluene-d8	10.32	98	56064	38.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	155.52%#
38) trans-1,3-Dichloropropene-	10.58	79	4887	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.48%
39) 2-Hexanone-d5	10.92	63	17618	208.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	417.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35497	105.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	422.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	3906	32.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.36%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	2235m	8.385	ug/L	
16) Methylene chloride	4.92	84	3601	3.310	ug/L	89
30) Cyclohexane	7.96	56	1281m	1.868	ug/L	
36) Methylcyclohexane	9.33	83	2342	3.115	ug/L	92
44) Toluene	10.39	91	946	0.552	ug/L	99

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

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