

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014182.D
 Acq On : 29 Nov 2019 15:33
 Operator : SY/VA
 Sample : K6089-12
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR0

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:19:38 PM

Quant Time: Nov 30 05:56:40 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	199840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	147512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	37342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45998	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
7) Chloroethane-d5	2.88	69	50367	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
10) 1,1-Dichloroethene-d2	4.01	63	77251	11.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.24%
20) 2-Butanone-d5	7.07	46	57755	62.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.70%
24) Chloroform-d	7.65	84	150545	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.30	65	81884	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	282351	26.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.92%
33) 1,2-Dichloropropane-d6	9.27	67	98740	32.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.84%#
37) Toluene-d8	10.32	98	215249	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.76%
38) trans-1,3-Dichloropropene-	10.57	79	24638	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.92	63	40419	69.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83921	36.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	40760	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds				Ovalue
16) Methylene chloride	4.93	84	6049m	1.572 ug/L
21) 2-Butanone	7.16	43	8032m	6.633 ug/L

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

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