

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014667.D
 Acq On : 16 Jan 2020 12:43
 Operator : SY/VA
 Sample : L1118-09
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK0

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 1:58:39 PM

Quant Time: Jan 17 02:46:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1064116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	865602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	297569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	335379	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
7) Chloroethane-d5	2.89	69	268149	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.01	63	465492	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.84%
20) 2-Butanone-d5	7.07	46	199710	55.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.90%
24) Chloroform-d	7.65	84	608524m	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	333873m	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	8.27	84	1287632	27.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.88%
33) 1,2-Dichloropropane-d6	9.27	67	405659	29.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.24%
37) Toluene-d8	10.32	98	1074949	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	10.58	79	147782	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.40%
39) 2-Hexanone-d5	10.92	63	148025	62.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	289051	27.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	267075	27.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	40135	8.121 ug/L	97
14) Carbon disulfide	4.38	76	12321	0.293 ug/L #	91
16) Methylene chloride	4.92	84	33870	1.952 ug/L	92
44) Toluene	10.38	91	212832	3.910 ug/L	96

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

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