

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014674.D
 Acq On : 16 Jan 2020 16:12
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 1:59:05 PM

Quant Time: Jan 17 03:46:48 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	294386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62148	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58411	14.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.28%
7) Chloroethane-d5	2.88	69	57165	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.01	63	96551	12.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.88%
20) 2-Butanone-d5	7.08	46	80124	81.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.28%#
24) Chloroform-d	7.65	84	177705	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.30	65	115459m	32.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.40%#
29) Benzene-d6	8.27	84	341365	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	124840	31.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.12%#
37) Toluene-d8	10.32	98	274415	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	46354	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.48%
39) 2-Hexanone-d5	10.92	63	54699	80.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78293	26.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	46200	22.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	27698	20.258	ug/L 99
16) Methylene chloride	4.91	84	33843	7.050	ug/L 92
34) Benzene	8.32	78	16229	1.080	ug/L 100
44) Toluene	10.38	91	57201	3.644	ug/L 95
53) Ethylbenzene	11.73	91	14504	0.840	ug/L 96
56) Styrene	12.18	104	76918	7.407	ug/L 89

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

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