

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014652.D
 Acq On : 15 Jan 2020 14:17
 Operator : SY/VA
 Sample : L1109-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG9

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 5:41:24 PM

Quant Time: Jan 16 13:34:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 11:23:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	275114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187713	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	40583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92430	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
7) Chloroethane-d5	2.89	69	80258	28.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.36%
10) 1,1-Dichloroethene-d2	4.01	63	133263	18.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.16%
20) 2-Butanone-d5	7.07	46	65665	71.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.30%#
24) Chloroform-d	7.65	84	171424	27.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.32%
26) 1,2-Dichloroethane-d4	8.31	65	97528	29.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.76%
29) Benzene-d6	8.27	84	361130	36.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.72%#
33) 1,2-Dichloropropane-d6	9.27	67	110691	36.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.52%#
37) Toluene-d8	10.32	98	260342	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.08%
38) trans-1,3-Dichloropropene-	10.58	79	39927	32.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.84%
39) 2-Hexanone-d5	10.92	63	46675	90.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.90%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54362	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	37366	27.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	30918	24.198	ug/L	99
16) Methylene chloride	4.91	84	18242	4.066	ug/L	94
34) Benzene	8.32	78	28411	2.515	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	6206	3.381	ug/L	98
44) Toluene	10.38	91	4911791	416.080	ug/L	97
47) Tetrachloroethene	10.86	164	1363	0.557	ug/L	84
53) Ethylbenzene	11.73	91	11645474	897.223	ug/L	94
54) m,p-Xylene	11.84	106	5452061	1110.009	ug/L	91
55) o-xylene	12.16	106	18066566m	3894.148	ug/L	
56) Styrene	12.18	104	6915574	885.624	ug/L	86
57) Isopropylbenzene	12.46	105	1436712	116.419	ug/L	99

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

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