

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014627.D
 Acq On : 14 Jan 2020 11:29
 Operator : SY/VA
 Sample : L1109-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH9

Quant Time: Jan 14 11:59:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 07 06:19:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1147170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1013836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	497829	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368306	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.88	69	307339	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
10) 1,1-Dichloroethene-d2	4.02	63	722210	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.64%
20) 2-Butanone-d5	7.07	46	227552	59.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.26%
24) Chloroform-d	7.64	84	691535	26.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	8.30	65	371891	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	8.27	84	1531235	28.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.60%
33) 1,2-Dichloropropane-d6	9.27	67	463647	28.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.40%
37) Toluene-d8	10.32	98	1389260	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	10.57	79	189922	28.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.48%
39) 2-Hexanone-d5	10.92	63	180906	65.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358530	29.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	465499	28.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	245298	21.143	ug/L	99
6) Bromomethane	2.77	94	97250	10.089	ug/L	100
9) Trichlorofluoromethane	3.25	101	128662	14.735	ug/L	99
12) 1,1-Dichloroethene	4.03	96	343364	23.392	ug/L #	83
13) Acetone	4.11	43	348151	65.345	ug/L	96
15) Methyl Acetate	4.66	43	308837	42.957	ug/L	100
16) Methylene chloride	4.92	84	182050	9.732	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	657248	34.787	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	171498	11.091	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	437700	26.893	ug/L	96
23) Bromochloromethane	7.51	128	113363	16.090	ug/L	97
27) 1,2-Dichloroethane	8.40	62	179307	10.332	ug/L	98
30) Cyclohexane	7.95	56	280805	10.828	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	224264	10.784	ug/L	99
32) Carbon tetrachloride	8.07	117	256570	13.241	ug/L	99
35) Trichloroethene	9.09	95	676997	42.994	ug/L	99
36) Methylcyclohexane	9.33	83	775684	28.079	ug/L	97

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40) 1,2-Dichloropropane	9.37	63	209459	13.564	ug/L	100
41) Bromodichloromethane	9.64	83	388880	20.936	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	417215	18.087	ug/L	97
44) Toluene	10.38	91	1392109	21.834	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	167109	9.060	ug/L	96
47) Tetrachloroethene	10.86	164	558233	42.221	ug/L	98
49) 2-Hexanone	10.96	43	311358	45.995	ug/L	95
50) Dibromochloromethane	11.13	129	262356	21.124	ug/L	97
53) Ethylbenzene	11.72	91	1133158	16.164	ug/L	98
54) m,p-Xylene	11.84	106	285972	10.780	ug/L	99
55) o-xylene	12.16	106	331687	13.237	ug/L	99
57) Isopropylbenzene	12.46	105	911588	13.677	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	655763	20.806	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	310577	10.992	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	43771	20.920	ug/L	96

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

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