

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014242.D
 Acq On : 06 Dec 2019 10:36
 Operator : SY/VA
 Sample : K6149-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBY9

Quant Time: Dec 07 04:25:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 04:10:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1219378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1103652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	521001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	482662	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
7) Chloroethane-d5	2.89	69	364659	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
10) 1,1-Dichloroethene-d2	4.02	63	835989	25.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.52%
20) 2-Butanone-d5	7.07	46	258433	53.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.42%
24) Chloroform-d	7.64	84	778955	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	8.30	65	417951	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.27	84	1709582	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	9.27	67	521800	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.88%
37) Toluene-d8	10.32	98	1537549	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.57	79	212552	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.84%
39) 2-Hexanone-d5	10.92	63	208804	52.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	407521	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	511068	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	258979	22.213	ug/L	98
6) Bromomethane	2.78	94	105975	9.952	ug/L	98
9) Trichlorofluoromethane	3.25	101	151517	17.730	ug/L	100
12) 1,1-Dichloroethene	4.04	96	367774	22.586	ug/L	79
13) Acetone	4.11	43	375942	81.036	ug/L	100
15) Methyl Acetate	4.66	43	335308	38.212	ug/L	99
16) Methylene chloride	4.91	84	203508	10.887	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	633790	29.515	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	182337	10.456	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	465128	25.067	ug/L	96
23) Bromochloromethane	7.51	128	120723	14.144	ug/L #	83
27) 1,2-Dichloroethane	8.40	62	193571	9.710	ug/L	94
30) Cyclohexane	7.95	56	300717	10.916	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	236184	10.656	ug/L	97
32) Carbon tetrachloride	8.06	117	274649	13.059	ug/L	99
35) Trichloroethene	9.09	95	720980	40.324	ug/L	96
36) Methylcyclohexane	9.33	83	827607	27.546	ug/L	98

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40) 1,2-Dichloropropane	9.37	63	222556	12.397	ug/L	100
41) Bromodichloromethane	9.64	83	413604	18.957	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	441885	16.436	ug/L	99
44) Toluene	10.38	91	1496734	20.430	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	173428	7.969	ug/L	98
47) Tetrachloroethene	10.86	164	593199	39.806	ug/L	98
49) 2-Hexanone	10.96	43	347258	41.202	ug/L	98
50) Dibromochloromethane	11.13	129	277888	18.405	ug/L	97
53) Ethylbenzene	11.73	91	1203448	15.139	ug/L	97
54) m,p-Xylene	11.84	106	305697	9.997	ug/L	99
55) o-xylene	12.16	106	348240	12.006	ug/L	97
57) Isopropylbenzene	12.46	105	959097	12.737	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	682939	19.502	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	320090	9.829	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	47209	18.793	ug/L	88

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

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