

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011277.D
 Acq On : 16 Jul 2019 10:48
 Operator : SY/VA
 Sample : K3755-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB907

Quant Time: Jul 17 11:07:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165859	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119197	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
7) Chloroethane-d5	2.88	69	87192	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	4.02	63	264351	21.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.32%
20) 2-Butanone-d5	7.07	46	100290	44.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.04%
24) Chloroform-d	7.65	84	228552	22.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	8.30	65	142605	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.20%
29) Benzene-d6	8.27	84	479800	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
33) 1,2-Dichloropropane-d6	9.27	67	160024	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.32	98	419396	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	10.58	79	65502	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.84%
39) 2-Hexanone-d5	10.92	63	69924	44.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124788	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	144105	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	96916	19.161	ug/L	99
6) Bromomethane	2.77	94	29002	9.390	ug/L	98
9) Trichlorofluoromethane	3.24	101	35307	15.620	ug/L	100
12) 1,1-Dichloroethene	4.04	96	108077	21.711	ug/L	88
13) Acetone	4.11	43	150609	67.675	ug/L	99
15) Methyl Acetate	4.66	43	129219	35.683	ug/L	100
16) Methylene chloride	4.92	84	58570	10.522	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	242459	31.407	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	54461	10.827	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	138760	25.484	ug/L	99
23) Bromochloromethane	7.51	128	34421	15.066	ug/L	96
27) 1,2-Dichloroethane	8.40	62	72636	9.823	ug/L	100
30) Cyclohexane	7.96	56	108331	10.424	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	75294	10.613	ug/L	99
32) Carbon tetrachloride	8.07	117	85143	12.797	ug/L	99
35) Trichloroethene	9.09	95	224323	41.610	ug/L	99
36) Methylcyclohexane	9.34	83	258078	26.602	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 1,2-Dichloropropane	9.37	63	76405	13.052	ug/L	99
41) Bromodichloromethane	9.64	83	137382	20.355	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	149870	17.351	ug/L	98
44) Toluene	10.38	91	463567	20.964	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	60415	8.453	ug/L	100
47) Tetrachloroethene	10.86	164	168526	41.362	ug/L	98
49) 2-Hexanone	10.97	43	158821	40.207	ug/L	99
50) Dibromochloromethane	11.13	129	85712	19.855	ug/L	95
53) Ethylbenzene	11.73	91	388053	15.472	ug/L	99
54) m,p-Xylene	11.85	106	94669	10.396	ug/L	98
55) o-xylene	12.16	106	109111	12.595	ug/L	99
57) Isopropylbenzene	12.46	105	302198	12.779	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	209143	20.496	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	98762	10.398	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16269	17.446	ug/L	97

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

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