

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011234.D
 Acq On : 12 Jul 2019 12:01
 Operator : SY/VA
 Sample : K3760-22
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8W7

Quant Time: Jul 13 06:26:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 05:32:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367792	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162284	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125456	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
7) Chloroethane-d5	2.88	69	87090	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
10) 1,1-Dichloroethene-d2	4.02	63	272642	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.68%
20) 2-Butanone-d5	7.08	46	97407	44.03	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.06%
24) Chloroform-d	7.64	84	229674	22.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	8.30	65	142468	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	487745	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.27	67	158447	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	428584	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	10.58	79	65156	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.52%
39) 2-Hexanone-d5	10.92	63	67416	44.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122835	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	145286	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.20	50	96801	19.711	ug/L	97
6) Bromomethane	2.77	94	28118	9.376	ug/L	99
9) Trichlorofluoromethane	3.24	101	31874	14.523	ug/L	99
12) 1,1-Dichloroethene	4.04	96	109242	22.602	ug/L	83
13) Acetone	4.14	43	140818	65.169	ug/L	99
15) Methyl Acetate	4.67	43	125569	35.713	ug/L	100
16) Methylene chloride	4.92	84	57359	10.613	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	241001	32.153	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	53127	10.878	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	138721	26.239	ug/L	98
23) Bromochloromethane	7.51	128	34630	15.611	ug/L	96
27) 1,2-Dichloroethane	8.40	62	71425	9.949	ug/L	99
30) Cyclohexane	7.95	56	108410	10.799	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	72282	10.548	ug/L	100
32) Carbon tetrachloride	8.06	117	85073	13.237	ug/L	98
35) Trichloroethene	9.09	95	217860	41.837	ug/L	99
36) Methylcyclohexane	9.33	83	257101	27.436	ug/L	99

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

40) 1,2-Dichloropropane	9.37	63	74220	13.126	ug/L	100
41) Bromodichloromethane	9.64	83	133085	20.415	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	147231	17.647	ug/L	98
44) Toluene	10.38	91	450262	21.081	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	59497	8.618	ug/L	99
47) Tetrachloroethene	10.86	164	163146	41.455	ug/L	97
49) 2-Hexanone	10.97	43	167698	43.953	ug/L	99
50) Dibromochloromethane	11.13	129	82860	19.872	ug/L	99
53) Ethylbenzene	11.73	91	376552	15.543	ug/L	98
54) m,p-Xylene	11.85	106	91087	10.355	ug/L	92
55) o-xylene	12.16	106	107661	12.866	ug/L	98
57) Isopropylbenzene	12.46	105	300387	13.151	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	207092	20.742	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	96536	10.387	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15637	17.137	ug/L	93

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

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