

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010928.D
 Acq On : 24 Jun 2019 12:47
 Operator : SY/VA
 Sample : K3497-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM09

Quant Time: Jun 25 02:28:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 11:05:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176789	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121506	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
7) Chloroethane-d5	2.88	69	93365	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
10) 1,1-Dichloroethene-d2	4.02	63	281230	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.44%
20) 2-Butanone-d5	7.07	46	112568	46.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.08%
24) Chloroform-d	7.65	84	246634	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	160264	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	523064	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.27	67	172091	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.92%
37) Toluene-d8	10.32	98	473114	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	75006	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.44%
39) 2-Hexanone-d5	10.93	63	73494	46.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136208	23.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	159030	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	106877	17.805	ug/L	99
6) Bromomethane	2.77	94	31527	8.900	ug/L	99
9) Trichlorofluoromethane	3.25	101	33926	13.998	ug/L	98
12) 1,1-Dichloroethene	4.04	96	116377	20.700	ug/L	94
13) Acetone	4.12	43	154011	65.782	ug/L	99
15) Methyl Acetate	4.67	43	150283	37.082	ug/L	100
16) Methylene chloride	4.92	84	71272	11.982	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	264234	30.018	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	59139	10.461	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	151794	24.955	ug/L	99
23) Bromochloromethane	7.51	128	37341	14.434	ug/L	98
27) 1,2-Dichloroethane	8.40	62	81832	9.858	ug/L	98
30) Cyclohexane	7.95	56	120716	10.197	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	78305	10.057	ug/L	98
32) Carbon tetrachloride	8.07	117	91124	12.390	ug/L	99
35) Trichloroethene	9.09	95	239808	40.196	ug/L	100
36) Methylcyclohexane	9.34	83	279008	25.479	ug/L	100

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

40) 1,2-Dichloropropane	9.37	63	83665	12.921	ug/L	99
41) Bromodichloromethane	9.64	83	149011	19.610	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	165780	16.643	ug/L	99
44) Toluene	10.38	91	500576	20.349	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	67479	8.195	ug/L	100
47) Tetrachloroethene	10.86	164	179173	39.600	ug/L	97
49) 2-Hexanone	10.97	43	150666	35.243	ug/L	98
50) Dibromochloromethane	11.13	129	94294	19.298	ug/L	98
53) Ethylbenzene	11.73	91	416964	15.045	ug/L	99
54) m,p-Xylene	11.85	106	101505	10.093	ug/L	99
55) o-xylene	12.17	106	119733	12.407	ug/L	98
57) Isopropylbenzene	12.46	105	330216	12.612	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	226071	19.642	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	107383	10.087	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	19812	18.189	ug/L	97

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

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