

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062619\
 Data File : VW010994.D
 Acq On : 26 Jun 2019 09:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Jun 27 07:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:33:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321974	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157942	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119820	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.20%
7) Chloroethane-d5	2.88	69	90925	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
10) 1,1-Dichloroethene-d2	4.02	63	282407	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.92%
20) 2-Butanone-d5	7.07	46	123274	55.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.96%
24) Chloroform-d	7.64	84	246495	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.30	65	152452	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.84%
29) Benzene-d6	8.27	84	497667	25.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.00%
33) 1,2-Dichloropropane-d6	9.27	67	164071	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.32	98	448677	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	10.58	79	69682	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.60%
39) 2-Hexanone-d5	10.92	63	78202	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142124	27.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	150604	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	128442	25.260	ug/L 98
3) Chloromethane	2.21	50	127868	23.652	ug/L 100
5) Vinyl chloride	2.36	62	174758	27.036	ug/L 99
6) Bromomethane	2.78	94	80495	25.229	ug/L 100
8) Chloroethane	2.92	64	88991	25.996	ug/L 99
9) Trichlorofluoromethane	3.25	101	58178	26.652	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	131767	25.974	ug/L 98
12) 1,1-Dichloroethene	4.04	96	130747	25.821	ug/L 93
13) Acetone	4.12	43	123546	58.591	ug/L 98
14) Carbon disulfide	4.38	76	373664	24.925	ug/L 100
15) Methyl Acetate	4.67	43	96266	26.374	ug/L 100
16) Methylene chloride	4.92	84	134945	25.188	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	193635	24.424	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	126507	24.846	ug/L 97
19) 1,1-Dichloroethane	6.21	63	259075	24.913	ug/L 99
21) 2-Butanone	7.16	43	153650	55.407	ug/L 97
22) cis-1,2-Dichloroethene	7.16	96	136801	24.971	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56993	24.460	ug/L	95
25) Chloroform	7.67	83	237472	24.889	ug/L	99
27) 1,2-Dichloroethane	8.40	62	185208	24.772	ug/L	99
30) Cyclohexane	7.95	56	273425	25.681	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	180853	25.827	ug/L	98
32) Carbon tetrachloride	8.06	117	172993	26.155	ug/L	99
34) Benzene	8.32	78	543832	25.703	ug/L	100
35) Trichloroethene	9.09	95	137092	25.550	ug/L	99
36) Methylcyclohexane	9.34	83	253232	25.713	ug/L	99
40) 1,2-Dichloropropane	9.37	63	148024	25.418	ug/L	100
41) Bromodichloromethane	9.64	83	170736	24.983	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	224297	25.038	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	285741	52.874	ug/L	99
44) Toluene	10.38	91	566426	25.602	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	186225	25.147	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	101992	25.555	ug/L	99
47) Tetrachloroethene	10.86	164	103082	25.332	ug/L	96
49) 2-Hexanone	10.97	43	212790	55.346	ug/L	100
50) Dibromochloromethane	11.13	129	109793	24.984	ug/L	96
51) 1,2-Dibromoethane	11.23	107	97922	25.371	ug/L	99
52) Chlorobenzene	11.66	112	337479	25.349	ug/L	98
53) Ethylbenzene	11.73	91	637869	25.591	ug/L	99
54) m,p-Xylene	11.84	106	233931	25.864	ug/L	99
55) o-xylene	12.16	106	221761	25.551	ug/L	98
56) Styrene	12.18	104	384587	25.696	ug/L	97
57) Isopropylbenzene	12.46	105	613593	26.059	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	138036	26.452	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	106545	26.296	ug/L	100
62) Bromoform	12.35	173	62399	24.683	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	258904	25.179	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	258691	25.045	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	238142	25.040	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24481	25.157	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	199273	25.461	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	170751	25.742	ug/L	99
69) Naphthalene	15.37	128	376111	26.571	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	155813	25.860	ug/L	100

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

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