

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010104.D
 Acq On : 23 Apr 2019 19:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Apr 24 03:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 03:51:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	794400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	393957	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	207513	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
7) Chloroethane-d5	2.89	69	165094	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
10) 1,1-Dichloroethene-d2	4.01	63	561425	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.36%
20) 2-Butanone-d5	7.07	46	270613	61.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.74%
24) Chloroform-d	7.64	84	593028	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.31	65	353733	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.27	84	1147649	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.27	67	364319	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.80%
37) Toluene-d8	10.32	98	1069366	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.40%
38) trans-1,3-Dichloropropene-	10.58	79	176146	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.88%
39) 2-Hexanone-d5	10.93	63	215077	69.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.60%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	346719	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	383854	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	277057	22.894	ug/L 96
3) Chloromethane	2.21	50	210260	19.062	ug/L 97
5) Vinyl chloride	2.37	62	250999	24.190	ug/L 98
6) Bromomethane	2.78	94	140225	18.299	ug/L 98
8) Chloroethane	2.93	64	143366	19.246	ug/L 99
9) Trichlorofluoromethane	3.25	101	128043	14.989	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	256861	23.094	ug/L 97
12) 1,1-Dichloroethene	4.03	96	254912	24.479	ug/L 95
13) Acetone	4.12	43	159232	40.610	ug/L 100
14) Carbon disulfide	4.37	76	678564	22.987	ug/L 99
15) Methyl Acetate	4.67	43	190738	24.102	ug/L 99
16) Methylene chloride	4.91	84	266264	17.048	ug/L 93
17) Methyl tert-butyl Ether	5.42	73	394931	25.913	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	272255	23.101	ug/L 95
19) 1,1-Dichloroethane	6.21	63	533332	22.703	ug/L 99
21) 2-Butanone	7.17	43	272588	53.091	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	304764	23.828	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	136677	22.946	ug/L	94
25) Chloroform	7.67	83	525079	21.844	ug/L	99
27) 1,2-Dichloroethane	8.40	62	394221	21.302	ug/L	98
30) Cyclohexane	7.95	56	496973	27.680	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	398584	24.025	ug/L	98
32) Carbon tetrachloride	8.06	117	393800	24.176	ug/L	100
34) Benzene	8.32	78	1147352	24.517	ug/L	100
35) Trichloroethene	9.09	95	300227	24.674	ug/L	98
36) Methylcyclohexane	9.34	83	516404	26.415	ug/L	97
40) 1,2-Dichloropropane	9.37	63	300437	24.275	ug/L	100
41) Bromodichloromethane	9.64	83	389660	23.061	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	494192	25.900	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	564240	55.355	ug/L	97
44) Toluene	10.38	91	1235349	24.883	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	417974	24.809	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	231961	24.032	ug/L	99
47) Tetrachloroethene	10.86	164	230551	24.257	ug/L	99
49) 2-Hexanone	10.97	43	412267	56.931	ug/L	98
50) Dibromochloromethane	11.13	129	271160	23.667	ug/L	99
51) 1,2-Dibromoethane	11.23	107	235054	24.878	ug/L	99
52) Chlorobenzene	11.66	112	777008	23.985	ug/L	97
53) Ethylbenzene	11.73	91	1411870	25.443	ug/L	100
54) m,p-Xylene	11.84	106	523328	25.783	ug/L	99
55) o-xylene	12.16	106	504206	25.900	ug/L	98
56) Styrene	12.18	104	877528	25.749	ug/L	99
57) Isopropylbenzene	12.46	105	1369174	26.405	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	313864	24.718	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	234827	24.712	ug/L	99
62) Bromoform	12.35	173	163244	23.596	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	608286	25.555	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	611046	23.890	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	559127	23.941	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	63358	26.808	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	456343	26.174	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	386954	27.093	ug/L	99
69) Naphthalene	15.37	128	1152803	37.607	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	351108	25.765	ug/L	99

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

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