

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013553.D
 Acq On : 14 Oct 2019 09:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Oct 14 15:29:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 12:52:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	491120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136987	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
7) Chloroethane-d5	2.89	69	104643	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
10) 1,1-Dichloroethene-d2	4.02	63	301570	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.40%
20) 2-Butanone-d5	7.08	46	95818	56.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.18%
24) Chloroform-d	7.65	84	270793	25.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	8.31	65	139196	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.27	84	588436	25.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.00%
33) 1,2-Dichloropropane-d6	9.27	67	173504	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
37) Toluene-d8	10.32	98	549372	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	10.57	79	77341	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.92	63	76077	56.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146817	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	192597	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	73811	27.581	ug/L 92
3) Chloromethane	2.21	50	122288	26.007	ug/L 95
5) Vinyl chloride	2.36	62	179922	27.046	ug/L 100
6) Bromomethane	2.78	94	108587	26.649	ug/L 100
8) Chloroethane	2.92	64	98970	26.523	ug/L 99
9) Trichlorofluoromethane	3.26	101	101511	29.270	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	160550	26.085	ug/L 99
12) 1,1-Dichloroethene	4.04	96	167557	27.179	ug/L 94
13) Acetone	4.13	43	101061	51.934	ug/L 98
14) Carbon disulfide	4.38	76	504631	26.822	ug/L 100
15) Methyl Acetate	4.67	43	90597	29.846	ug/L 99
16) Methylene chloride	4.91	84	172707	23.217	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	273499	27.606	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	179391	27.268	ug/L 98
19) 1,1-Dichloroethane	6.21	63	300131	27.173	ug/L 98
21) 2-Butanone	7.17	43	133709	56.167	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	190586	27.087	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	82669	26.239	ug/L	97
25) Chloroform	7.67	83	295190	27.091	ug/L	100
27) 1,2-Dichloroethane	8.40	62	190417	27.630	ug/L	100
30) Cyclohexane	7.95	56	296967	26.470	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	237401	27.624	ug/L	100
32) Carbon tetrachloride	8.07	117	225851	27.398	ug/L	98
34) Benzene	8.32	78	702961	27.270	ug/L	100
35) Trichloroethene	9.09	95	182021	27.071	ug/L	99
36) Methylcyclohexane	9.33	83	316692	25.900	ug/L	99
40) 1,2-Dichloropropane	9.37	63	171270	27.581	ug/L	100
41) Bromodichloromethane	9.64	83	211921	27.785	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	275169	27.622	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	249236	57.524	ug/L	99
44) Toluene	10.38	91	760594	27.227	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	224936	28.595	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	132157	28.036	ug/L	99
47) Tetrachloroethene	10.86	164	161515	26.356	ug/L	96
49) 2-Hexanone	10.97	43	193952	61.593	ug/L	99
50) Dibromochloromethane	11.13	129	157402	28.360	ug/L	99
51) 1,2-Dibromoethane	11.23	107	131954	28.497	ug/L	98
52) Chlorobenzene	11.66	112	473428	26.702	ug/L	99
53) Ethylbenzene	11.73	91	833798	26.964	ug/L	99
54) m,p-Xylene	11.84	106	321190	26.626	ug/L	97
55) o-xylene	12.16	106	301076	26.738	ug/L	99
56) Styrene	12.18	104	519851	27.108	ug/L	100
57) Isopropylbenzene	12.46	105	814881	26.677	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	162374	29.155	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	120974	29.090	ug/L	99
62) Bromoform	12.35	173	102115	29.828	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	375729	26.343	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	369659	26.037	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	337151	26.290	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	25857	29.206	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	274938	25.540	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	230669	25.852	ug/L	96
69) Naphthalene	15.36	128	451155	27.761	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	204311	25.715	ug/L	100

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

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