

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011778.D
 Acq On : 08 Aug 2019 17:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Aug 09 02:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:27:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	336755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142977	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100133	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	80584	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.03	63	260384	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.80%
20) 2-Butanone-d5	7.07	46	110828	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
24) Chloroform-d	7.65	84	222076	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	131899	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.40%
29) Benzene-d6	8.27	84	440666	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	145714	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	391810	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	61138	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.93	63	73582	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123742	24.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	131578	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	100780	26.703	ug/L 98
3) Chloromethane	2.21	50	127862	26.046	ug/L 99
5) Vinyl chloride	2.36	62	173936	27.770	ug/L 98
6) Bromomethane	2.78	94	83415	28.249	ug/L 99
8) Chloroethane	2.93	64	95810	29.248	ug/L 99
9) Trichlorofluoromethane	3.26	101	90320	28.308	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	138141	28.558	ug/L 98
12) 1,1-Dichloroethene	4.04	96	137416	28.411	ug/L 97
13) Acetone	4.12	43	121081	52.949	ug/L 97
14) Carbon disulfide	4.39	76	414414	26.307	ug/L 100
15) Methyl Acetate	4.67	43	107873	28.852	ug/L 99
16) Methylene chloride	4.92	84	149972	28.538	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	233361	28.973	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	141299	28.276	ug/L 99
19) 1,1-Dichloroethane	6.21	63	288284	28.879	ug/L 99
21) 2-Butanone	7.17	43	155401	54.202	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	154571	29.566	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	62311	28.013	ug/L	95
25) Chloroform	7.68	83	262991	28.583	ug/L	100
27) 1,2-Dichloroethane	8.40	62	195702	28.732	ug/L	98
30) Cyclohexane	7.96	56	299407	29.203	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	210187	29.247	ug/L	99
32) Carbon tetrachloride	8.07	117	193696	28.649	ug/L	100
34) Benzene	8.32	78	596304	28.850	ug/L	100
35) Trichloroethene	9.09	95	149569	28.505	ug/L	100
36) Methylcyclohexane	9.34	83	277581	29.161	ug/L	100
40) 1,2-Dichloropropane	9.37	63	161565	29.284	ug/L	100
41) Bromodichloromethane	9.65	83	188320	28.926	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	243144	29.464	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	296215	59.257	ug/L	100
44) Toluene	10.39	91	621527	29.598	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	203331	29.614	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	109576	29.131	ug/L	98
47) Tetrachloroethene	10.87	164	115738	28.877	ug/L	95
49) 2-Hexanone	10.97	43	220700	57.306	ug/L	99
50) Dibromochloromethane	11.13	129	121395	29.280	ug/L	96
51) 1,2-Dibromoethane	11.24	107	106205	29.016	ug/L	98
52) Chlorobenzene	11.66	112	366197	28.905	ug/L	99
53) Ethylbenzene	11.73	91	697407	29.781	ug/L	99
54) m,p-Xylene	11.84	106	253297	29.746	ug/L	96
55) o-xylene	12.16	106	239082	29.833	ug/L	99
56) Styrene	12.18	104	405918	29.793	ug/L	97
57) Isopropylbenzene	12.46	105	664442	30.138	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	143476	28.703	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	112116	29.081	ug/L	99
62) Bromoform	12.35	173	71215	27.840	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	278574	28.707	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	274301	28.148	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	253921	28.897	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	25568	28.113	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	211138	29.561	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	172346	29.961	ug/L	99
69) Naphthalene	15.36	128	349367	30.160	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	153740	28.858	ug/L	98

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

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