

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014953.D
 Acq On : 10 Feb 2020 19:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Feb 11 00:35:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	684558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	641437	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	297106	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	293271	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
7) Chloroethane-d5	2.89	69	243188	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
10) 1,1-Dichloroethene-d2	4.03	63	558196	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.84%
20) 2-Butanone-d5	7.07	46	196141	61.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.34%
24) Chloroform-d	7.65	84	547877	28.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.76%
26) 1,2-Dichloroethane-d4	8.31	65	318194	29.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.32%
29) Benzene-d6	8.27	84	1074123	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
33) 1,2-Dichloropropane-d6	9.27	67	370349	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	10.32	98	931422	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.64%
38) trans-1,3-Dichloropropene-	10.57	79	138390	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.28%
39) 2-Hexanone-d5	10.92	63	144466	58.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	290518	28.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	277586	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	181909	25.848 ug/L	94
3) Chloromethane	2.21	50	283589	26.592 ug/L	100
5) Vinyl chloride	2.37	62	388222	27.881 ug/L	99
6) Bromomethane	2.78	94	174433	25.053 ug/L	99
8) Chloroethane	2.92	64	212292	27.865 ug/L	99
9) Trichlorofluoromethane	3.26	101	148919	26.457 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	278830	28.063 ug/L	92
12) 1,1-Dichloroethene	4.04	96	255407	26.302 ug/L	90
13) Acetone	4.12	43	175605	53.491 ug/L	96
14) Carbon disulfide	4.38	76	805163	27.615 ug/L	99
15) Methyl Acetate	4.67	43	171783	31.798 ug/L	96
16) Methylene chloride	4.92	84	317366	25.448 ug/L	91
17) Methyl tert-butyl Ether	5.42	73	345129	27.205 ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	258983	26.322 ug/L	87
19) 1,1-Dichloroethane	6.21	63	599041	30.053 ug/L	99
21) 2-Butanone	7.17	43	239017	62.185 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	280279	26.337 ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	113878	26.081	ug/L	78
25) Chloroform	7.68	83	543017	29.657	ug/L	99
27) 1,2-Dichloroethane	8.40	62	389742	30.874	ug/L	97
30) Cyclohexane	7.96	56	541714	28.344	ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	404728	27.672	ug/L	97
32) Carbon tetrachloride	8.07	117	361608	27.505	ug/L	99
34) Benzene	8.32	78	1242685	28.174	ug/L	100
35) Trichloroethene	9.09	95	287737	26.317	ug/L	94
36) Methylcyclohexane	9.34	83	515116	27.047	ug/L	93
40) 1,2-Dichloropropane	9.37	63	347159	29.411	ug/L	99
41) Bromodichloromethane	9.64	83	389335	28.781	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	462877	27.616	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	499354	64.517	ug/L	95
44) Toluene	10.38	91	1245984	27.826	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	384824	28.511	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	212517	27.350	ug/L	95
47) Tetrachloroethene	10.86	164	188854	23.508	ug/L	97
49) 2-Hexanone	10.97	43	352530	64.843	ug/L	96
50) Dibromochloromethane	11.13	129	221591	26.534	ug/L	99
51) 1,2-Dibromoethane	11.23	107	188206	26.032	ug/L	99
52) Chlorobenzene	11.65	112	710169	25.940	ug/L	93
53) Ethylbenzene	11.73	91	1359036	27.743	ug/L	99
54) m,p-Xylene	11.83	106	486008	27.161	ug/L	92
55) o-xylene	12.16	106	458498	26.923	ug/L	97
56) Styrene	12.18	104	808177	28.079	ug/L	95
57) Isopropylbenzene	12.46	105	1264163	27.641	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	287515	29.644	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	214785	29.435	ug/L	99
62) Bromoform	12.35	173	114842	25.356	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	501395	24.983	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	515770	25.513	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	470571	25.635	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	45469	29.050	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	350810	24.406	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	275005	24.215	ug/L	99
69) Naphthalene	15.36	128	583850	26.136	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	263175	25.098	ug/L	98

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

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