

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070620\
 Data File : VW015782.D
 Acq On : 06 Jul 2020 11:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Jul 07 00:21:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 06 12:28:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101007	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
7) Chloroethane-d5	2.90	69	86241	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	4.02	63	207687	22.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.08%
20) 2-Butanone-d5	7.08	46	58187	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
24) Chloroform-d	7.65	84	199956	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	115151	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.80%
29) Benzene-d6	8.27	84	380304	21.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.52%
33) 1,2-Dichloropropane-d6	9.27	67	113875	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.48%
37) Toluene-d8	10.32	98	354427	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	52328	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.72%
39) 2-Hexanone-d5	10.93	63	43155	50.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97829	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	121502	21.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	73809	23.926	ug/L 98
3) Chloromethane	2.21	50	77865	23.455	ug/L 99
5) Vinyl chloride	2.37	62	137844	27.723	ug/L 99
6) Bromomethane	2.79	94	86091	26.132	ug/L 100
8) Chloroethane	2.93	64	85292	27.494	ug/L 96
9) Trichlorofluoromethane	3.26	101	97543	26.827	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	111563	28.301	ug/L 98
12) 1,1-Dichloroethene	4.04	96	105783	27.798	ug/L 85
13) Acetone	4.13	43	63745	67.864	ug/L 96
14) Carbon disulfide	4.39	76	332186	28.111	ug/L 99
15) Methyl Acetate	4.67	43	51599	30.663	ug/L 98
16) Methylene chloride	4.92	84	114617	23.875	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	166416	28.541	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	112804	27.614	ug/L 96
19) 1,1-Dichloroethane	6.22	63	207322	28.148	ug/L 99
21) 2-Butanone	7.18	43	75421	64.951	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	118446	28.049	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52844	28.410	ug/L	94
25) Chloroform	7.68	83	211420	28.418	ug/L	100
27) 1,2-Dichloroethane	8.40	62	149105	28.986	ug/L	100
30) Cyclohexane	7.96	56	193187	28.710	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	185338	28.701	ug/L	99
32) Carbon tetrachloride	8.07	117	168305	28.838	ug/L	98
34) Benzene	8.32	78	460638	28.113	ug/L	100
35) Trichloroethene	9.09	95	121553	27.819	ug/L	99
36) Methylcyclohexane	9.34	83	215581	28.606	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114245	28.647	ug/L	99
41) Bromodichloromethane	9.65	83	152357	29.404	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	179262	28.796	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	145742	62.638	ug/L	100
44) Toluene	10.39	91	501055	28.147	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	161339	29.776	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	85223	29.602	ug/L	99
47) Tetrachloroethene	10.87	164	96660	27.530	ug/L	97
49) 2-Hexanone	10.97	43	105788	64.543	ug/L	98
50) Dibromochloromethane	11.13	129	99680	29.578	ug/L	94
51) 1,2-Dibromoethane	11.24	107	81572	29.230	ug/L	100
52) Chlorobenzene	11.66	112	317467	28.373	ug/L	99
53) Ethylbenzene	11.73	91	582812	28.956	ug/L	99
54) m,p-Xylene	11.84	106	216373	28.762	ug/L	93
55) o-xylene	12.17	106	205685	28.608	ug/L	100
56) Styrene	12.18	104	356173	29.183	ug/L	100
57) Isopropylbenzene	12.47	105	577353	29.072	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	102971	30.057	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	78309	30.266	ug/L	99
62) Bromoform	12.35	173	58394	31.163	ug/L #	96
63) 1,3-Dichlorobenzene	13.50	146	244071	28.169	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	237378	27.501	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	216847	28.305	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17092	31.149	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	168938	28.431	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	134950	28.146	ug/L	99
69) Naphthalene	15.37	128	260382	29.683	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	117728	28.401	ug/L	98

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

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