

Data File : VW015550.D
Acq On : 08 Jun 2020 11:01
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Quant Time: Jun 09 01:59:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 04:08:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90756	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
7) Chloroethane-d5	2.90	69	92564	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.80%
10) 1,1-Dichloroethene-d2	4.02	63	208620	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.76%
20) 2-Butanone-d5	7.08	46	61570	57.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.28%
24) Chloroform-d	7.65	84	219538	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.30	65	123844	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	421062	26.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.04%
33) 1,2-Dichloropropane-d6	9.27	67	126777	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.32	98	400306	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.72%
38) trans-1,3-Dichloropropene-	10.58	79	56711	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	50286	59.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105055	28.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	137820	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	77724	24.428 ug/L	100
3) Chloromethane	2.21	50	80995	23.125 ug/L	100
5) Vinyl chloride	2.37	62	132402	25.137 ug/L	99
6) Bromomethane	2.79	94	82889	24.212 ug/L	100
8) Chloroethane	2.93	64	80888	25.228 ug/L	99
9) Trichlorofluoromethane	3.26	101	98632	26.313 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	106002	23.844 ug/L	98
12) 1,1-Dichloroethene	4.04	96	106560	24.814 ug/L	95
13) Acetone	4.12	43	54811	65.798 ug/L	99
14) Carbon disulfide	4.38	76	337630	23.567 ug/L	99
15) Methyl Acetate	4.67	43	50158	27.831 ug/L	100
16) Methylene chloride	4.92	84	112696	25.496 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	176920	25.961 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	115110	25.012 ug/L	98
19) 1,1-Dichloroethane	6.22	63	210654	25.448 ug/L	99
21) 2-Butanone	7.17	43	71794	56.104 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	121377	25.281 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	53035	25.617	ug/L	98
25) Chloroform	7.68	83	213994	25.674	ug/L	99
27) 1,2-Dichloroethane	8.40	62	148178	26.278	ug/L	99
30) Cyclohexane	7.96	56	193064	23.660	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	186807	25.296	ug/L	99
32) Carbon tetrachloride	8.07	117	168454	24.870	ug/L	99
34) Benzene	8.32	78	465684	25.226	ug/L	100
35) Trichloroethene	9.09	95	123659	24.938	ug/L	99
36) Methylcyclohexane	9.34	83	211421	23.906	ug/L	100
40) 1,2-Dichloropropane	9.37	63	115003	25.297	ug/L	100
41) Bromodichloromethane	9.65	83	156533	25.774	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	187286	25.745	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	143272	53.764	ug/L	100
44) Toluene	10.39	91	510179	25.367	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	166085	26.234	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	84546	26.583	ug/L	98
47) Tetrachloroethene	10.87	164	98792	25.133	ug/L	95
49) 2-Hexanone	10.97	43	104046	57.845	ug/L	98
50) Dibromochloromethane	11.13	129	105341	27.262	ug/L	97
51) 1,2-Dibromoethane	11.24	107	80654	26.415	ug/L	97
52) Chlorobenzene	11.66	112	318458	25.244	ug/L	97
53) Ethylbenzene	11.73	91	578921	25.068	ug/L	99
54) m,p-Xylene	11.84	106	218736	25.241	ug/L	99
55) o-xylene	12.16	106	207955	25.281	ug/L	93
56) Styrene	12.18	104	358391	25.499	ug/L	98
57) Isopropylbenzene	12.46	105	574824	25.086	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	101574	27.586	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	77003	27.581	ug/L	100
62) Bromoform	12.35	173	59651	26.475	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	242192	24.476	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	248059	25.585	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	223221	25.959	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	17797	27.283	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	177785	25.952	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	141103	25.573	ug/L	97
69) Naphthalene	15.37	128	275159	27.465	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	126200	26.885	ug/L	98

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

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