

Data File : VV017010.D
Acq On : 19 Jun 2020 19:21
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

Quant Time: Jun 20 02:07:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340705	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104809	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	62600	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	199601	49.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.88%
21) 2-Butanone-d5	3.91	46	162059	91.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	4.38	84	235651	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	5.06	65	158617	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.08	84	436822	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
36) 1,2-Dichloropropane-d6	6.09	67	132976	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.34	98	407789	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	69500	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.11	63	108613	85.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174560	45.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	166614	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	129115	47.800	ug/L	99
3) Chloromethane	1.25	50	114501	46.353	ug/L	99
5) Vinyl chloride	1.32	62	114799	47.259	ug/L	98
6) Bromomethane	1.53	94	50361	49.778	ug/L	97
8) Chloroethane	1.60	64	53201	44.337	ug/L	93
9) Trichlorofluoromethane	1.76	101	193472	53.222	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	94268	52.041	ug/L	98
12) 1,1-Dichloroethene	2.13	96	88561	52.372	ug/L	97
13) Acetone	2.19	43	117495	100.220	ug/L	100
14) Carbon disulfide	2.31	76	277011	45.245	ug/L	98
15) Methyl Acetate	2.45	43	128427	49.148	ug/L	100
16) Methylene chloride	2.52	84	124250	50.073	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	113146	49.074	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	399265	52.262	ug/L	99
19) 1,1-Dichloroethane	3.21	63	218117	50.258	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	158313	62.983	ug/L	96
22) 2-Butanone	3.99	43	174944	96.767	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68840	51.990	ug/L	93
25) Chloroform	4.40	83	236504	53.026	ug/L	100
27) 1,2-Dichloroethane	5.15	62	195995	52.421	ug/L	96
29) Cyclohexane	4.70	56	184995	45.692	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	218845	52.670	ug/L	99
31) Carbon tetrachloride	4.86	117	192976	53.686	ug/L	99
33) Benzene	5.13	78	471324	48.893	ug/L	100
34) Trichloroethene	5.94	95	141984	54.918	ug/L	99
35) Methylcyclohexane	6.15	83	185761	45.800	ug/L	99
37) 1,2-Dichloropropane	6.20	63	123443	49.241	ug/L	99
38) Bromodichloromethane	6.53	83	172487	51.686	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	197314	50.670	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	362687	102.097	ug/L	99
42) Toluene	7.41	91	512856	50.467	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	193092	51.004	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	123495	51.060	ug/L	97
46) Tetrachloroethene	8.00	164	129166	63.524	ug/L	96
48) 2-Hexanone	8.16	43	276408	100.352	ug/L	99
49) Dibromochloromethane	8.27	129	138642	53.612	ug/L	99
50) 1,2-Dibromoethane	8.37	107	129618	51.176	ug/L	97
51) Chlorobenzene	8.90	112	333623	50.319	ug/L	99
52) Ethylbenzene	9.03	91	569700	50.613	ug/L	99
53) m,p-Xylene	9.16	106	211299	50.418	ug/L	98
54) o-xylene	9.56	106	212455	51.400	ug/L	100
55) Styrene	9.58	104	367559	52.597	ug/L	99
56) Isopropylbenzene	9.95	105	578286	52.069	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	186283	50.234	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	160115	51.477	ug/L	99
61) Bromoform	9.75	173	95643	54.738	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	271498	50.460	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	274024	50.055	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	273566	50.735	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	40656	47.952	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	198620	49.505	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	178824	48.592	ug/L	99
69) Naphthalene	13.52	128	536562	50.687	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	177259	49.227	ug/L	99

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

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