

Data File : VV016952.D
Acq On : 16 Jun 2020 11:33
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Quant Time: Jun 17 00:57:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 17 00:55:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170705	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82417	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.62%
7) Chloroethane-d5	1.58	69	66187	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.86%
11) 1,1-Dichloroethene-d2	2.12	63	166830	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
21) 2-Butanone-d5	3.89	46	175620	103.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.37	84	225517	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.05	65	158712	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
32) Benzene-d6	5.07	84	415241	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.09	67	131817	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.50%
41) Toluene-d8	7.33	98	385659	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%
43) trans-1,3-Dichloropropene-	7.64	79	72908	49.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.28%
47) 2-Hexanone-d5	8.11	63	113394	92.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	178835	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	170755	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	115385	44.620 ug/L	98
3) Chloromethane	1.25	50	109219	46.185 ug/L	100
5) Vinyl chloride	1.32	62	99460	42.769 ug/L	99
6) Bromomethane	1.53	94	61087	63.070 ug/L	99
8) Chloroethane	1.59	64	60251	52.450 ug/L	99
9) Trichlorofluoromethane	1.76	101	165003	47.413 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83293	48.031 ug/L	100
12) 1,1-Dichloroethene	2.13	96	76726	47.395 ug/L	91
13) Acetone	2.17	43	113737	101.337 ug/L	100
14) Carbon disulfide	2.31	76	256109	43.695 ug/L	100
15) Methyl Acetate	2.44	43	135063	53.991 ug/L	99
16) Methylene chloride	2.52	84	120866	50.880 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	107311	48.617 ug/L	95
18) Methyl tert-butyl Ether	2.78	73	401315	54.871 ug/L	99
19) 1,1-Dichloroethane	3.21	63	208791	50.253 ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	123425	51.291 ug/L	99
22) 2-Butanone	3.98	43	188855	109.116 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	67321	53.109	ug/L	98
25) Chloroform	4.40	83	225582	52.831	ug/L	96
27) 1,2-Dichloroethane	5.15	62	190307	53.167	ug/L	97
29) Cyclohexane	4.70	56	168141	43.116	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	196188	49.020	ug/L	100
31) Carbon tetrachloride	4.85	117	170618	49.279	ug/L	99
33) Benzene	5.12	78	449459	48.406	ug/L	100
34) Trichloroethene	5.94	95	127192	51.076	ug/L	99
35) Methylcyclohexane	6.15	83	177192	45.356	ug/L	97
37) 1,2-Dichloropropane	6.20	63	123194	51.019	ug/L	100
38) Bromodichloromethane	6.53	83	168932	52.555	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	195348	52.081	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	374517	109.455	ug/L	98
42) Toluene	7.41	91	494089	50.477	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	200164	54.892	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	123561	53.039	ug/L	98
46) Tetrachloroethene	7.99	164	95183	48.599	ug/L	99
48) 2-Hexanone	8.15	43	288130	108.604	ug/L	99
49) Dibromochloromethane	8.27	129	138469	55.590	ug/L	98
50) 1,2-Dibromoethane	8.37	107	130709	53.578	ug/L	98
51) Chlorobenzene	8.90	112	324594	50.828	ug/L	100
52) Ethylbenzene	9.03	91	549502	50.683	ug/L	98
53) m,p-Xylene	9.16	106	206964	51.270	ug/L	100
54) o-xylene	9.56	106	203556	51.128	ug/L	100
55) Styrene	9.58	104	359063	53.344	ug/L	98
56) Isopropylbenzene	9.95	105	548894	51.310	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	184357	51.614	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	162799	54.339	ug/L	100
61) Bromoform	9.75	173	96594	55.013	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	275323	50.922	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	277843	50.506	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	275143	50.780	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	43669	51.255	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	211473	52.452	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	199037	53.822	ug/L	99
69) Naphthalene	13.52	128	596725	56.096	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	196100	54.195	ug/L	99

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

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