

Data File : VV017909.D
Acq On : 10 Aug 2020 20:24
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Quant Time: Aug 11 01:20:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247163	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133350	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50353	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.90%
7) Chloroethane-d5	1.58	69	53003	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.76%
11) 1,1-Dichloroethene-d2	2.12	63	151717	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
21) 2-Butanone-d5	3.91	46	82220	102.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.87%
24) Chloroform-d	4.37	84	158129	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.05	65	117694	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.07	84	258079	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.09	67	67762	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.34	98	259630	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
43) trans-1,3-Dichloropropene-	7.64	79	46934	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.84%
47) 2-Hexanone-d5	8.11	63	53542	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106524	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	131292	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	92480	47.060	ug/L	99
3) Chloromethane	1.25	50	56615	45.538	ug/L	97
5) Vinyl chloride	1.32	62	65519	45.369	ug/L	98
6) Bromomethane	1.53	94	47508	48.363	ug/L	100
8) Chloroethane	1.59	64	51289	56.274	ug/L	98
9) Trichlorofluoromethane	1.76	101	189017	53.182	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81745	51.767	ug/L	98
12) 1,1-Dichloroethene	2.13	96	75232	51.666	ug/L	93
13) Acetone	2.19	43	69092	66.427	ug/L	99
14) Carbon disulfide	2.31	76	172263	51.329	ug/L	99
15) Methyl Acetate	2.45	43	58230	50.760	ug/L	97
16) Methylene chloride	2.52	84	75766	49.486	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	71419	48.055	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	262240	51.253	ug/L	100
19) 1,1-Dichloroethane	3.21	63	121508	49.540	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	80389	50.082	ug/L	99
22) 2-Butanone	3.99	43	82293	91.137	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	47272	49.286	ug/L	97
25) Chloroform	4.40	83	156114	49.471	ug/L	96
27) 1,2-Dichloroethane	5.15	62	145449	51.055	ug/L	99
29) Cyclohexane	4.70	56	90095	47.167	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	161944	48.257	ug/L	100
31) Carbon tetrachloride	4.85	117	147133	49.117	ug/L	97
33) Benzene	5.13	78	274679	48.443	ug/L	100
34) Trichloroethene	5.94	95	84485	49.322	ug/L	97
35) Methylcyclohexane	6.15	83	113308	46.449	ug/L	99
37) 1,2-Dichloropropane	6.20	63	62485	50.391	ug/L	98
38) Bromodichloromethane	6.53	83	116785	51.864	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	115654	54.233	ug/L	94
40) 4-Methyl-2-pentanone	7.25	43	166059	102.651	ug/L	96
42) Toluene	7.41	91	319325	48.319	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	122449	54.635	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	79760	51.117	ug/L	98
46) Tetrachloroethene	8.00	164	75999	47.073	ug/L	96
48) 2-Hexanone	8.16	43	135303	99.901	ug/L	99
49) Dibromochloromethane	8.27	129	97935	56.394	ug/L	95
50) 1,2-Dibromoethane	8.37	107	85437	49.678	ug/L	99
51) Chlorobenzene	8.90	112	229121	49.836	ug/L	99
52) Ethylbenzene	9.03	91	373796	49.227	ug/L	99
53) m,p-Xylene	9.16	106	146449	49.617	ug/L	100
54) o-xylene	9.56	106	142242	49.071	ug/L	98
55) Styrene	9.58	104	247661	49.824	ug/L	97
56) Isopropylbenzene	9.95	105	393366	49.098	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	105201	50.057	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	96866	50.730	ug/L	100
61) Bromoform	9.75	173	70927	61.889	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	199961	49.045	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	201929	48.762	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	209393	50.479	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	29955	55.171	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	160511	48.438	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	150173	51.742	ug/L	100
69) Naphthalene	13.52	128	406058	54.789	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	155598	53.112	ug/L	99

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

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