

Data File : VV016576.D
Acq On : 06 Jun 2020 08:01
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Quant Time: Jun 06 08:30:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	403459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382786	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	197616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134949	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.56	69	93873	45.50	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	239926	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
21) 2-Butanone-d5	3.89	46	216531	118.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.50%
24) Chloroform-d	4.37	84	282202	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	5.05	65	189554	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
32) Benzene-d6	5.07	84	543004	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
36) 1,2-Dichloropropane-d6	6.09	67	170178	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.52%
41) Toluene-d8	7.34	98	502849	54.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.64	79	78804	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.22%
47) 2-Hexanone-d5	8.11	63	172029	125.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	235864	54.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	207778	55.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	159189	47.821 ug/L	99
3) Chloromethane	1.25	50	170413	53.132 ug/L	99
5) Vinyl chloride	1.32	62	151649	48.936 ug/L	98
6) Bromomethane	1.51	94	46690	28.961 ug/L	99
8) Chloroethane	1.58	64	81969	47.198 ug/L	98
9) Trichlorofluoromethane	1.76	101	212735	47.536 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105847	45.474 ug/L	99
12) 1,1-Dichloroethene	2.13	96	106970	47.756 ug/L	98
13) Acetone	2.17	43	121895	71.377 ug/L	100
14) Carbon disulfide	2.30	76	379926	48.992 ug/L	99
15) Methyl Acetate	2.44	43	166241	52.963 ug/L	99
16) Methylene chloride	2.52	84	150432	47.638 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	139376	49.315 ug/L	99
18) Methyl tert-butyl Ether	2.78	73	474364	54.216 ug/L	99
19) 1,1-Dichloroethane	3.21	63	266172	50.924 ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	153233	50.239 ug/L	98
22) 2-Butanone	3.98	43	224721	106.043 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	80261	51.138	ug/L	95
25) Chloroform	4.40	83	271180	49.499	ug/L	100
27) 1,2-Dichloroethane	5.15	62	225438	50.643	ug/L	99
29) Cyclohexane	4.70	56	247269	54.427	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	243702	52.240	ug/L	99
31) Carbon tetrachloride	4.85	117	209718	52.271	ug/L	99
33) Benzene	5.12	78	585395	52.000	ug/L	100
34) Trichloroethene	5.94	95	148743	50.354	ug/L	97
35) Methylcyclohexane	6.15	83	236449	55.765	ug/L	99
37) 1,2-Dichloropropane	6.20	63	151539	51.644	ug/L	98
38) Bromodichloromethane	6.53	83	196620	52.151	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	215515	50.373	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	456453	113.053	ug/L	99
42) Toluene	7.41	91	623937	52.304	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	212767	50.686	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	145314	51.215	ug/L	99
46) Tetrachloroethene	8.00	164	117099	51.414	ug/L	98
48) 2-Hexanone	8.16	43	346160	110.281	ug/L	100
49) Dibromochloromethane	8.27	129	152475	55.277	ug/L	99
50) 1,2-Dibromoethane	8.37	107	154277	51.402	ug/L #	98
51) Chlorobenzene	8.90	112	394689	50.341	ug/L	98
52) Ethylbenzene	9.03	91	693483	53.413	ug/L	99
53) m,p-Xylene	9.16	106	259928	53.094	ug/L	100
54) o-xylene	9.57	106	260337	54.907	ug/L	100
55) Styrene	9.58	104	439681	52.934	ug/L	99
56) Isopropylbenzene	9.95	105	683047	55.462	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	239514	52.623	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	189721	51.814	ug/L	99
61) Bromoform	9.75	173	107832	65.167	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	321822	52.561	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	320333	50.423	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	328562	53.314	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	53928	57.661	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	237341	57.618	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	215365	56.474	ug/L	99
69) Naphthalene	13.53	128	670464	57.279	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	211365	58.305	ug/L	99

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

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