

Data File : VV016991.D
Acq On : 19 Jun 2020 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05098

Quant Time: Jun 20 01:59:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 14:43:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366113	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120135	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	80119	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.38%
11) 1,1-Dichloroethene-d2	2.12	63	224527	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.52%
21) 2-Butanone-d5	3.90	46	173597	90.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.79%
24) Chloroform-d	4.37	84	260430	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.05	65	175202	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.07	84	485973	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.09	67	146433	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.33	98	456415	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.64	79	81144	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
47) 2-Hexanone-d5	8.11	63	112532	83.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.13%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	185636	45.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	186861	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	141662	48.805	ug/L	100
3) Chloromethane	1.25	50	122881	46.293	ug/L	97
5) Vinyl chloride	1.32	62	120359	46.109	ug/L	97
6) Bromomethane	1.53	94	69981	64.370	ug/L	98
8) Chloroethane	1.60	64	60906	47.236	ug/L	94
9) Trichlorofluoromethane	1.76	101	196710	50.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	106707	54.820	ug/L	99
12) 1,1-Dichloroethene	2.13	96	94698	52.115	ug/L	99
13) Acetone	2.19	43	169391	134.459	ug/L	99
14) Carbon disulfide	2.31	76	301596	45.842	ug/L	100
15) Methyl Acetate	2.44	43	132965	47.353	ug/L	99
16) Methylene chloride	2.52	84	130425	48.914	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	122769	49.552	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	415179	50.574	ug/L	99
19) 1,1-Dichloroethane	3.21	63	232862	49.932	ug/L	96
20) cis-1,2-Dichloroethene	3.93	96	134719	49.877	ug/L	99
22) 2-Butanone	3.99	43	203880	104.946	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	73215	51.457	ug/L	95
25) Chloroform	4.40	83	251471	52.469	ug/L	98
27) 1,2-Dichloroethane	5.15	62	206134	51.306	ug/L	97
29) Cyclohexane	4.70	56	198355	46.193	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	233484	52.982	ug/L	98
31) Carbon tetrachloride	4.85	117	205853	53.996	ug/L	99
33) Benzene	5.12	78	506531	49.543	ug/L	100
34) Trichloroethene	5.94	95	140222	51.138	ug/L	99
35) Methylcyclohexane	6.15	83	208160	48.390	ug/L	98
37) 1,2-Dichloropropane	6.19	63	131394	49.418	ug/L	100
38) Bromodichloromethane	6.53	83	184412	52.102	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	212431	51.435	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	369843	98.163	ug/L	100
42) Toluene	7.41	91	540733	50.170	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	211557	52.689	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	127644	49.760	ug/L	99
46) Tetrachloroethene	7.99	164	111996	51.933	ug/L	97
48) 2-Hexanone	8.16	43	294227	100.718	ug/L	98
49) Dibromochloromethane	8.27	129	147544	53.795	ug/L	98
50) 1,2-Dibromoethane	8.37	107	134819	50.189	ug/L	100
51) Chlorobenzene	8.90	112	357906	50.898	ug/L	99
52) Ethylbenzene	9.03	91	611919	51.258	ug/L	98
53) m,p-Xylene	9.16	106	232016	52.198	ug/L	99
54) o-xylene	9.56	106	223263	50.929	ug/L	98
55) Styrene	9.58	104	393715	53.121	ug/L	98
56) Isopropylbenzene	9.95	105	621824	52.790	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	184591	46.934	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	163716	49.628	ug/L	99
61) Bromoform	9.75	173	101305	53.805	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	296124	51.075	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	299984	50.853	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	298787	51.424	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41829	45.784	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	223838	51.774	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	199822	50.389	ug/L	99
69) Naphthalene	13.52	128	559519	49.051	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	197429	50.882	ug/L	98

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

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