

Data File : VV017884.D
Acq On : 10 Aug 2020 09:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Quant Time: Aug 11 01:14:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 15:54:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258885	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67545	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.04%
7) Chloroethane-d5	1.58	69	57118	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.12	63	158453	49.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.66%
21) 2-Butanone-d5	3.91	46	90257	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.37	84	182844	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	5.05	65	136115	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
32) Benzene-d6	5.07	84	295960	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.09	67	76241	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.66%
41) Toluene-d8	7.33	98	293726	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.64	79	54965	58.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.06%
47) 2-Hexanone-d5	8.11	63	57404	107.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.75%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	118018	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	146403	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	108821	52.868 ug/L	99
3) Chloromethane	1.25	50	63801	48.995 ug/L	96
5) Vinyl chloride	1.32	62	74253	49.089 ug/L	98
6) Bromomethane	1.53	94	53397	51.896 ug/L	98
8) Chloroethane	1.59	64	48942	51.267 ug/L	94
9) Trichlorofluoromethane	1.76	101	187250	50.299 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	85025	51.407 ug/L	97
12) 1,1-Dichloroethene	2.13	96	74781	49.031 ug/L	96
13) Acetone	2.19	43	136929	125.686 ug/L	100
14) Carbon disulfide	2.31	76	191023	54.342 ug/L	97
15) Methyl Acetate	2.44	43	62764	52.236 ug/L	97
16) Methylene chloride	2.52	84	80564	50.237 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	78068	50.150 ug/L	91
18) Methyl tert-butyl Ether	2.78	73	276485	51.590 ug/L	99
19) 1,1-Dichloroethane	3.21	63	132123	51.428 ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	86784	51.618 ug/L	95
22) 2-Butanone	3.99	43	116224	122.887 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52433	52.191	ug/L	99
25) Chloroform	4.40	83	168777	51.062	ug/L	98
27) 1,2-Dichloroethane	5.15	62	151154	50.655	ug/L	99
29) Cyclohexane	4.70	56	102829	51.377	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	175383	49.876	ug/L	98
31) Carbon tetrachloride	4.85	117	162887	51.894	ug/L	99
33) Benzene	5.12	78	299381	50.391	ug/L	100
34) Trichloroethene	5.94	95	92416	51.490	ug/L	99
35) Methylcyclohexane	6.15	83	131503	51.448	ug/L	98
37) 1,2-Dichloropropane	6.20	63	68205	52.493	ug/L	98
38) Bromodichloromethane	6.53	83	129258	54.784	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	128631	57.566	ug/L	96
40) 4-Methyl-2-pentanone	7.24	43	182959	107.937	ug/L	100
42) Toluene	7.41	91	358091	51.713	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	137735	58.650	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	82195	50.274	ug/L	96
46) Tetrachloroethene	7.99	164	85363	50.460	ug/L	91
48) 2-Hexanone	8.15	43	161162	113.564	ug/L	99
49) Dibromochloromethane	8.26	129	107626	59.146	ug/L	98
50) 1,2-Dibromoethane	8.37	107	93896	52.105	ug/L	95
51) Chlorobenzene	8.90	112	248981	51.684	ug/L	99
52) Ethylbenzene	9.03	91	406145	51.046	ug/L	99
53) m,p-Xylene	9.16	106	155361	50.234	ug/L	99
54) o-xylene	9.56	106	155665	51.251	ug/L	98
55) Styrene	9.58	104	271765	52.178	ug/L	99
56) Isopropylbenzene	9.95	105	429155	51.121	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	113101	51.361	ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	103871	51.916	ug/L	99
61) Bromoform	9.75	173	75911	60.901	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	227065	51.206	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	226891	50.375	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	227737	50.477	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34790	58.914	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	184896	51.301	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	168205	53.286	ug/L	96
69) Naphthalene	13.52	128	442834	54.936	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	173940	54.589	ug/L	99

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

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