

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019213.D
 Acq On : 02 Nov 2020 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Nov 03 05:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:57:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236606	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	127552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93203	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.58	69	74818	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	2.13	63	178825	51.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.14%
21) 2-Butanone-d5	3.91	46	118305	114.56	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.56%
24) Chloroform-d	4.38	84	178011	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
26) 1,2-Dichloroethane-d4	5.06	65	124538	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.07	84	329185	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
36) 1,2-Dichloropropane-d6	6.09	67	99030	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.54%
41) Toluene-d8	7.34	98	307313	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%
43) trans-1,3-Dichloropropene-	7.64	79	57275	51.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.72%
47) 2-Hexanone-d5	8.11	63	84595	111.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.71%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	134551	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
66) 1,2-Dichlorobenzene-d4	11.65	152	128680	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75777	50.967	ug/L 100
3) Chloromethane	1.25	50	82285	53.151	ug/L 100
5) Vinyl chloride	1.32	62	86320	53.566	ug/L 98
6) Bromomethane	1.53	94	60498	55.861	ug/L 98
8) Chloroethane	1.60	64	56452	53.563	ug/L 100
9) Trichlorofluoromethane	1.77	101	138497	51.915	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	67068	52.909	ug/L 99
12) 1,1-Dichloroethene	2.14	96	70674	53.944	ug/L 97
13) Acetone	2.19	43	82896	105.553	ug/L 99
14) Carbon disulfide	2.31	76	201595	53.587	ug/L 100
15) Methyl Acetate	2.45	43	82261	54.058	ug/L 99
16) Methylene chloride	2.52	84	82081	52.704	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	76324	53.701	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	274473	54.939	ug/L 99
19) 1,1-Dichloroethane	3.21	63	148162	53.205	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	85326	54.325	ug/L 97
22) 2-Butanone	3.99	43	111469	111.816	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	46606	53.891	ug/L	98
25) Chloroform	4.40	83	159182	53.318	ug/L	99
27) 1,2-Dichloroethane	5.15	62	135361	53.338	ug/L	99
29) Cyclohexane	4.70	56	104051	51.388	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	144364	52.609	ug/L	99
31) Carbon tetrachloride	4.86	117	122255	51.598	ug/L	100
33) Benzene	5.13	78	316427	53.813	ug/L	100
34) Trichloroethene	5.94	95	84010	52.573	ug/L	100
35) Methylcyclohexane	6.15	83	98218	50.781	ug/L	99
37) 1,2-Dichloropropane	6.20	63	81600	51.998	ug/L	100
38) Bromodichloromethane	6.53	83	120825	53.500	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	140030	55.767	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	233741	110.873	ug/L	100
42) Toluene	7.41	91	339924	53.482	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	141814	55.114	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	81792	52.732	ug/L	98
46) Tetrachloroethene	8.00	164	67212	51.549	ug/L	98
48) 2-Hexanone	8.16	43	179701	112.747	ug/L	99
49) Dibromochloromethane	8.27	129	99398	53.734	ug/L	99
50) 1,2-Dibromoethane	8.37	107	88788	55.225	ug/L	97
51) Chlorobenzene	8.90	112	223388	52.543	ug/L	99
52) Ethylbenzene	9.03	91	367449	52.401	ug/L	100
53) m,p-Xylene	9.16	106	138223	52.651	ug/L	99
54) o-Xylene	9.56	106	137570	53.163	ug/L	96
55) Styrene	9.58	104	248050	53.851	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	125595	53.522	ug/L	99
59) Bromoform	9.75	173	77863	55.002	ug/L	100
60) Isopropylbenzene	9.95	105	356798	53.372	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	106574	53.781	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	303731	54.550	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	296080	54.345	ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	185983	53.187	ug/L	100
65) 1,4-Dichlorobenzene	11.29	146	190112	52.551	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	189468	52.962	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	32570	56.339	ug/L	99
69) 1,3,5-Trichlorobenzene	12.67	180	131077	52.226	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	129850	54.985	ug/L	100
71) Naphthalene	13.52	128	392691	58.960	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	130580	55.779	ug/L	99

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

