

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017012.D
 Acq On : 22 Jun 2020 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Jun 23 03:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 22 18:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113806	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.86%
7) Chloroethane-d5	1.58	69	77347	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.12	63	219881	52.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.56%
21) 2-Butanone-d5	3.91	46	175960	94.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.91%
24) Chloroform-d	4.37	84	257865	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.05	65	176879	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.07	84	482728	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
36) 1,2-Dichloropropane-d6	6.09	67	146622	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.33	98	453099	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	7.64	79	80227	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.96%
47) 2-Hexanone-d5	8.11	63	117889	90.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191059	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	188974	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	138994	49.387	ug/L 100
3) Chloromethane	1.25	50	120124	46.673	ug/L 98
5) Vinyl chloride	1.32	62	122662	48.465	ug/L 99
6) Bromomethane	1.53	94	66734	63.308	ug/L 100
8) Chloroethane	1.60	64	60933	48.738	ug/L 98
9) Trichlorofluoromethane	1.76	101	200687	52.987	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	107474	56.945	ug/L 99
12) 1,1-Dichloroethene	2.13	96	94979	53.908	ug/L 96
13) Acetone	2.19	43	163597	133.931	ug/L 98
14) Carbon disulfide	2.31	76	297576	46.649	ug/L 99
15) Methyl Acetate	2.44	43	134758	49.497	ug/L 99
16) Methylene chloride	2.52	84	131075	50.699	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	119783	49.863	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	429708	53.985	ug/L 99
19) 1,1-Dichloroethane	3.21	63	236464	52.294	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	137289	52.422	ug/L 98
22) 2-Butanone	3.99	43	202084	107.283	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	72941	52.872	ug/L	98
25) Chloroform	4.40	83	251153	54.045	ug/L	100
27) 1,2-Dichloroethane	5.15	62	206472	53.002	ug/L	98
29) Cyclohexane	4.70	56	198022	47.855	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	234262	55.165	ug/L	99
31) Carbon tetrachloride	4.85	117	208672	56.802	ug/L	99
33) Benzene	5.12	78	504865	51.244	ug/L	100
34) Trichloroethene	5.94	95	140172	53.049	ug/L	98
35) Methylcyclohexane	6.15	83	209756	50.602	ug/L	98
37) 1,2-Dichloropropane	6.20	63	132210	51.601	ug/L	99
38) Bromodichloromethane	6.53	83	187903	55.092	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	221516	55.659	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	373091	102.763	ug/L	98
42) Toluene	7.41	91	546079	52.578	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	219512	56.733	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	130921	52.964	ug/L	99
46) Tetrachloroethene	8.00	164	112221	54.001	ug/L	98
48) 2-Hexanone	8.16	43	288257	102.399	ug/L	99
49) Dibromochloromethane	8.27	129	153744	58.171	ug/L	96
50) 1,2-Dibromoethane	8.37	107	140511	54.282	ug/L	99
51) Chlorobenzene	8.90	112	357072	52.696	ug/L	99
52) Ethylbenzene	9.03	91	614395	53.407	ug/L	98
53) m,p-Xylene	9.16	106	232940	54.384	ug/L	99
54) o-xylene	9.56	106	229286	54.277	ug/L	100
55) Styrene	9.58	104	395752	55.411	ug/L	98
56) Isopropylbenzene	9.95	105	620519	54.667	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	194182	51.236	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	165549	52.077	ug/L	98
61) Bromoform	9.75	173	107044	59.159	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	300304	53.897	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	304796	53.764	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	306135	54.826	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	43971	50.081	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	229282	55.184	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	207575	54.468	ug/L	98
69) Naphthalene	13.52	128	594230	54.207	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	203421	54.553	ug/L	99

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

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