

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016967.D
 Acq On : 18 Jun 2020 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Jun 19 04:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 06:37:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348007	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103860	40.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.06%
7) Chloroethane-d5	1.58	69	74280	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.13	63	210156	48.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.68%
21) 2-Butanone-d5	3.90	46	176894	93.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.27%
24) Chloroform-d	4.37	84	245693	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.05	65	175113	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
32) Benzene-d6	5.07	84	473187	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
36) 1,2-Dichloropropane-d6	6.09	67	145331	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.96%
41) Toluene-d8	7.33	98	449783	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	7.64	79	80826	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.26%
47) 2-Hexanone-d5	8.10	63	118391	86.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.84%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	194235	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	189234	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	145759	50.628	ug/L 100
3) Chloromethane	1.25	50	122836	46.655	ug/L 99
5) Vinyl chloride	1.32	62	122817	47.436	ug/L 100
6) Bromomethane	1.53	94	68417	63.447	ug/L 96
8) Chloroethane	1.60	64	66733	52.178	ug/L 97
9) Trichlorofluoromethane	1.77	101	206381	53.266	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104782	54.271	ug/L 99
12) 1,1-Dichloroethene	2.14	96	93760	52.021	ug/L 92
13) Acetone	2.18	43	145898	116.758	ug/L 98
14) Carbon disulfide	2.31	76	308488	47.273	ug/L 100
15) Methyl Acetate	2.44	43	136460	48.996	ug/L 100
16) Methylene chloride	2.52	84	126387	47.787	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	119930	48.803	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	419137	51.474	ug/L 99
19) 1,1-Dichloroethane	3.21	63	227250	49.127	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	134408	50.169	ug/L 98
22) 2-Butanone	3.98	43	197266	102.372	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	72577	51.426	ug/L	96
25) Chloroform	4.40	83	253614	53.349	ug/L	98
27) 1,2-Dichloroethane	5.15	62	207658	52.109	ug/L	99
29) Cyclohexane	4.70	56	196933	45.539	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	225378	50.783	ug/L	99
31) Carbon tetrachloride	4.85	117	202921	52.852	ug/L	99
33) Benzene	5.12	78	493619	47.940	ug/L	100
34) Trichloroethene	5.94	95	140514	50.883	ug/L	99
35) Methylcyclohexane	6.15	83	208588	48.148	ug/L	98
37) 1,2-Dichloropropane	6.20	63	127253	47.523	ug/L	99
38) Bromodichloromethane	6.53	83	183933	51.601	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	219187	52.697	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	372981	98.299	ug/L	99
42) Toluene	7.41	91	542727	50.000	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	217877	53.880	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	129105	49.975	ug/L	99
46) Tetrachloroethene	8.00	164	111339	51.265	ug/L	94
48) 2-Hexanone	8.15	43	285994	97.211	ug/L	99
49) Dibromochloromethane	8.27	129	149533	54.136	ug/L	99
50) 1,2-Dibromoethane	8.37	107	137810	50.941	ug/L	99
51) Chlorobenzene	8.90	112	353949	49.981	ug/L	99
52) Ethylbenzene	9.03	91	612512	50.946	ug/L	99
53) m,p-Xylene	9.16	106	235576	52.626	ug/L	99
54) o-xylene	9.56	106	224092	50.758	ug/L	98
55) Styrene	9.58	104	395535	52.990	ug/L	98
56) Isopropylbenzene	9.95	105	619957	52.261	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	190747	48.158	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	166671	50.167	ug/L	99
61) Bromoform	9.75	173	106348	54.767	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	304936	50.997	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	307139	50.484	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	302358	50.458	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43719	46.399	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	237682	53.306	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	215994	52.813	ug/L	99
69) Naphthalene	13.52	128	608549	51.728	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	212012	52.980	ug/L	99

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

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