

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019173.D
 Acq On : 30 Oct 2020 03:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Oct 30 04:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219940	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	210333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71594	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.58	69	58990	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.88%
11) 1,1-Dichloroethene-d2	2.12	63	145490	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
21) 2-Butanone-d5	3.91	46	100921	94.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.27%
24) Chloroform-d	4.38	84	154109	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.05	65	107087	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.07	84	281114	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.09	67	85043	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.34	98	261245	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.64	79	46851	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
47) 2-Hexanone-d5	8.11	63	74397	96.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	116426	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	108669	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	85947	44.504	ug/L	98
3) Chloromethane	1.25	50	86474	49.308	ug/L	99
5) Vinyl chloride	1.32	62	87775	48.887	ug/L	99
6) Bromomethane	1.53	94	60237	50.085	ug/L	98
8) Chloroethane	1.60	64	56912	50.978	ug/L	99
9) Trichlorofluoromethane	1.77	101	136818	45.720	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	58851	40.864	ug/L	99
12) 1,1-Dichloroethene	2.13	96	66984	47.492	ug/L	97
13) Acetone	2.19	43	79540	79.976	ug/L	96
14) Carbon disulfide	2.31	76	204715	45.664	ug/L	99
15) Methyl Acetate	2.45	43	81694	50.971	ug/L	100
16) Methylene chloride	2.52	84	81834	51.096	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	74593	49.240	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	260741	51.402	ug/L	99
19) 1,1-Dichloroethane	3.21	63	144982	51.370	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	82460	49.598	ug/L	96
22) 2-Butanone	3.99	43	107927	99.630	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	45650	51.168	ug/L	98
25) Chloroform	4.40	83	154670	50.714	ug/L	98
27) 1,2-Dichloroethane	5.15	62	135689	52.259	ug/L	100
29) Cyclohexane	4.70	56	95359	40.611	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	139336	48.885	ug/L	100
31) Carbon tetrachloride	4.86	117	116506	46.096	ug/L	100
33) Benzene	5.13	78	309191	50.985	ug/L	100
34) Trichloroethene	5.94	95	78536	47.273	ug/L	99
35) Methylcyclohexane	6.15	83	87945	39.212	ug/L	99
37) 1,2-Dichloropropane	6.20	63	77709	51.598	ug/L	99
38) Bromodichloromethane	6.53	83	114680	51.188	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	123798	49.766	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	223185	107.425	ug/L	99
42) Toluene	7.41	91	327142	49.208	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	131142	50.678	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	78713	52.112	ug/L	99
46) Tetrachloroethene	8.00	164	61271	43.191	ug/L	99
48) 2-Hexanone	8.16	43	173331	104.963	ug/L	98
49) Dibromochloromethane	8.27	129	95573	52.259	ug/L	99
50) 1,2-Dibromoethane	8.37	107	83334	51.711	ug/L	98
51) Chlorobenzene	8.90	112	207613	47.632	ug/L	98
52) Ethylbenzene	9.03	91	338510	46.209	ug/L	99
53) m,p-Xylene	9.16	106	131256	47.438	ug/L	98
54) o-xylene	9.56	106	129051	48.579	ug/L	99
55) Styrene	9.58	104	231149	49.093	ug/L	97
56) Isopropylbenzene	9.95	105	319676	44.778	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	120437	52.365	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	102832	52.231	ug/L	99
61) Bromoform	9.75	173	73456	52.586	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	169359	47.414	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	174952	47.130	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	174649	49.358	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31094	51.357	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	119749	45.542	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	115363	46.828	ug/L	99
69) Naphthalene	13.52	128	368527	53.408	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	122320	50.738	ug/L	99

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

