

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018650.D
 Acq On : 03 Oct 2020 01:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Oct 03 02:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91706	50.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.46%
7) Chloroethane-d5	1.58	69	71784	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.10%
11) 1,1-Dichloroethene-d2	2.12	63	191485	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.94%
21) 2-Butanone-d5	3.90	46	119024	87.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.40%
24) Chloroform-d	4.37	84	176063	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.06	65	116337	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.07	84	331160	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.58%
36) 1,2-Dichloropropane-d6	6.09	67	101333	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.64%
41) Toluene-d8	7.34	98	317698	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.64	79	54272	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.11	63	78981	87.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149414	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	138236	42.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	90316	42.668	ug/L 99
3) Chloromethane	1.25	50	93538	41.299	ug/L 99
5) Vinyl chloride	1.32	62	115346	48.439	ug/L 100
6) Bromomethane	1.53	94	73868	45.578	ug/L 100
8) Chloroethane	1.59	64	72757	49.582	ug/L 96
9) Trichlorofluoromethane	1.76	101	189537	52.370	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101790	50.251	ug/L 99
12) 1,1-Dichloroethene	2.13	96	99049	50.969	ug/L 94
13) Acetone	2.18	43	107370	91.256	ug/L 97
14) Carbon disulfide	2.31	76	271741	43.166	ug/L 98
15) Methyl Acetate	2.44	43	104292	46.010	ug/L 99
16) Methylene chloride	2.52	84	107136	45.934	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	100179	45.051	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	315680	46.594	ug/L 98
19) 1,1-Dichloroethane	3.21	63	181486	46.613	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	109131	46.179	ug/L 98
22) 2-Butanone	3.99	43	136426	91.787	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61188	47.085	ug/L	97
25) Chloroform	4.40	83	195827	47.633	ug/L	99
27) 1,2-Dichloroethane	5.15	62	158229	49.379	ug/L	99
29) Cyclohexane	4.70	56	147090	41.713	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	180605	47.053	ug/L	99
31) Carbon tetrachloride	4.85	117	160989	46.734	ug/L	100
33) Benzene	5.13	78	406099	44.709	ug/L	100
34) Trichloroethene	5.94	95	118655	44.996	ug/L	98
35) Methylcyclohexane	6.15	83	140439	39.479	ug/L	99
37) 1,2-Dichloropropane	6.20	63	104266	44.742	ug/L	100
38) Bromodichloromethane	6.53	83	146310	46.880	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	164666	45.036	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	283420	94.251	ug/L	99
42) Toluene	7.41	91	450491	45.846	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	164985	45.936	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	107247	46.489	ug/L	97
46) Tetrachloroethene	8.00	164	93338	43.629	ug/L	98
48) 2-Hexanone	8.16	43	217341	92.634	ug/L	99
49) Dibromochloromethane	8.27	129	125116	47.417	ug/L	98
50) 1,2-Dibromoethane	8.37	107	114607	46.725	ug/L	98
51) Chlorobenzene	8.90	112	301322	45.329	ug/L	99
52) Ethylbenzene	9.03	91	499395	45.509	ug/L	99
53) m,p-Xylene	9.16	106	192691	45.437	ug/L	100
54) o-xylene	9.56	106	201686	50.232	ug/L	98
55) Styrene	9.58	104	363799	52.037	ug/L	96
56) Isopropylbenzene	9.95	105	558660	51.881	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	161589	49.693	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	145358	51.280	ug/L	100
61) Bromoform	9.75	173	97859	49.988	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	250962	45.501	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	258729	45.554	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	252420	46.260	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34450	46.248	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	158929	41.598	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	153980	43.311	ug/L	100
69) Naphthalene	13.52	128	487608	47.913	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	159842	44.787	ug/L	99

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

