

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090420\
 Data File : VV018159.D
 Acq On : 04 Sep 2020 15:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.84g/5.0ml/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Sep 05 00:09:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 00:02:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266198	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74622	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.48%
7) Chloroethane-d5	1.58	69	72584	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.12	63	165987	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
21) 2-Butanone-d5	3.91	46	143969	108.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.23%
24) Chloroform-d	4.37	84	181369	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.05	65	117421	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.07	84	338172	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.09	67	113583	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.40%
41) Toluene-d8	7.33	98	305693	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	7.64	79	56846	53.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.38%
47) 2-Hexanone-d5	8.11	63	81901	108.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.30%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	163683	53.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	143659	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	85620	41.661 ug/L	99
3) Chloromethane	1.25	50	98555	41.283 ug/L	98
5) Vinyl chloride	1.32	62	102948	43.524 ug/L	98
6) Bromomethane	1.53	94	64374	45.536 ug/L	98
8) Chloroethane	1.60	64	69899	46.300 ug/L	100
9) Trichlorofluoromethane	1.77	101	156941	46.449 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93329	49.470 ug/L	97
12) 1,1-Dichloroethene	2.13	96	85558	47.914 ug/L	93
13) Acetone	2.19	43	164468	119.700 ug/L	99
14) Carbon disulfide	2.31	76	201631	41.027 ug/L	100
15) Methyl Acetate	2.45	43	103743	46.787 ug/L	100
16) Methylene chloride	2.52	84	102169	44.912 ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	88455	48.190 ug/L	99
18) Methyl tert-butyl Ether	2.78	73	310992	51.231 ug/L	99
19) 1,1-Dichloroethane	3.21	63	184100	49.881 ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	102582	50.856 ug/L	98
22) 2-Butanone	3.99	43	177127	114.912 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54208	51.444	ug/L	96
25) Chloroform	4.40	83	190800	50.684	ug/L	99
27) 1,2-Dichloroethane	5.15	62	148153	49.444	ug/L	97
29) Cyclohexane	4.70	56	143447	45.442	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	160298	50.013	ug/L	98
31) Carbon tetrachloride	4.85	117	135081	50.627	ug/L	99
33) Benzene	5.12	78	394139	48.708	ug/L	100
34) Trichloroethene	5.94	95	103474	48.377	ug/L	97
35) Methylcyclohexane	6.15	83	145971	45.896	ug/L	99
37) 1,2-Dichloropropane	6.19	63	109507	49.624	ug/L	100
38) Bromodichloromethane	6.53	83	141244	51.530	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	167689	53.603	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	286860	99.439	ug/L	100
42) Toluene	7.41	91	422170	49.998	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	164945	55.571	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	103442	50.617	ug/L	98
46) Tetrachloroethene	7.99	164	79635	50.766	ug/L	98
48) 2-Hexanone	8.15	43	246192	105.832	ug/L	100
49) Dibromochloromethane	8.26	129	112684	56.491	ug/L	98
50) 1,2-Dibromoethane	8.37	107	105542	49.916	ug/L	98
51) Chlorobenzene	8.90	112	278075	51.206	ug/L	98
52) Ethylbenzene	9.03	91	471421	51.205	ug/L	99
53) m,p-Xylene	9.16	106	178866	52.822	ug/L	96
54) o-xylene	9.56	106	175009	52.299	ug/L	97
55) Styrene	9.58	104	309749	54.052	ug/L	100
56) Isopropylbenzene	9.95	105	471552	53.416	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	157127	49.375	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	133568	49.010	ug/L	100
61) Bromoform	9.75	173	82274	60.077	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	234555	50.963	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	240158	50.794	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	236148	49.850	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33670	48.240	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	191625	54.808	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	172390	56.082	ug/L	100
69) Naphthalene	13.52	128	442523	52.231	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	171597	54.893	ug/L	99

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

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