

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019937.D
 Acq On : 08 Jan 2021 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Jan 08 22:35:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	553572	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	535885	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	279235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	167821	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.57	69	150846	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.11	63	364156	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
21) 2-Butanone-d5	3.89	46	302094	95.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.15%
24) Chloroform-d	4.35	84	373301	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.03	65	251601	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.05	84	678643	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.07	67	221724	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.40%
41) Toluene-d8	7.32	98	598020	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.62	79	109155	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.09	63	195328	93.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	310297	47.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.04%
64) 1,2-Dichlorobenzene-d4	11.63	152	237607	44.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	203591	47.378	ug/L 99
3) Chloromethane	1.24	50	233957	44.455	ug/L 99
5) Vinyl chloride	1.31	62	234001	45.508	ug/L 99
6) Bromomethane	1.52	94	142311	45.686	ug/L 96
8) Chloroethane	1.59	64	152158	47.600	ug/L 99
9) Trichlorofluoromethane	1.75	101	317966	51.045	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	180491	51.448	ug/L 99
12) 1,1-Dichloroethene	2.12	96	169107	48.038	ug/L 90
13) Acetone	2.19	43	323296	131.529	ug/L 98
14) Carbon disulfide	2.30	76	480237	41.876	ug/L 99
15) Methyl Acetate	2.43	43	226594	45.371	ug/L 98
16) Methylene chloride	2.51	84	202422	45.784	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	180211	45.755	ug/L 97
18) Methyl tert-butyl Ether	2.77	73	618219	46.489	ug/L 100
19) 1,1-Dichloroethane	3.19	63	374487	47.118	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	199823	46.372	ug/L 100
22) 2-Butanone	3.97	43	370339	107.316	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	96262	45.211	ug/L	99
25) Chloroform	4.38	83	378947	48.332	ug/L	98
27) 1,2-Dichloroethane	5.13	62	316860	49.018	ug/L	100
29) Cyclohexane	4.68	56	316721	46.162	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	325932	47.505	ug/L	99
31) Carbon tetrachloride	4.83	117	267041	47.298	ug/L	100
33) Benzene	5.10	78	786933	46.688	ug/L	100
34) Trichloroethene	5.92	95	208661	46.664	ug/L	99
35) Methylcyclohexane	6.14	83	313187	46.704	ug/L	98
37) 1,2-Dichloropropane	6.17	63	210835	46.580	ug/L	98
38) Bromodichloromethane	6.51	83	283073	47.836	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	329627	47.279	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	635391	93.749	ug/L	98
42) Toluene	7.39	91	818747	47.421	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	315604	46.411	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	193359	46.571	ug/L	98
46) Tetrachloroethene	7.98	164	137475	46.037	ug/L	97
48) 2-Hexanone	8.14	43	517660	98.791	ug/L	99
49) Dibromochloromethane	8.25	129	201329	46.895	ug/L	99
50) 1,2-Dibromoethane	8.35	107	200373	45.983	ug/L	99
51) Chlorobenzene	8.88	112	522735	47.479	ug/L	98
52) Ethylbenzene	9.02	91	944571	48.618	ug/L	100
53) m,p-Xylene	9.14	106	341398	48.244	ug/L	99
54) o-xylene	9.55	106	332917	48.121	ug/L	99
55) Styrene	9.57	104	593330	49.345	ug/L	100
56) Isopropylbenzene	9.94	105	907181	48.961	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	312726	47.422	ug/L	98
59) 1,2,3-Trichloropropane	10.28	75	268313	46.629	ug/L	100
61) Bromoform	9.74	173	129145	44.970	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	409163	48.133	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	415779	47.556	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	411041	47.370	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	74432	45.064	ug/L	94
67) 1,3,5-Trichlorobenzene	12.65	180	295845	48.238	ug/L	98
68) 1,2,4-trichlorobenzene	13.27	180	267215	48.934	ug/L	100
69) Naphthalene	13.51	128	835784	48.660	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	260114	49.011	ug/L	99

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

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