

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019543.D
 Acq On : 11 Dec 2020 12:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Dec 11 13:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 04:38:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	674601	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	632738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	305000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	231993	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.57	69	189836	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.52%
11) 1,1-Dichloroethene-d2	2.11	63	453135	50.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.94%
21) 2-Butanone-d5	3.89	46	288999	109.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.35	84	447008	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
26) 1,2-Dichloroethane-d4	5.03	65	297631	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
32) Benzene-d6	5.05	84	848175	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
36) 1,2-Dichloropropane-d6	6.07	67	266811	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.32	98	763564	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%
43) trans-1,3-Dichloropropene-	7.62	79	145730	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.09	63	213645	102.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.97%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	363432	50.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	283966	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	285190	52.385	ug/L 100
3) Chloromethane	1.24	50	289655	50.055	ug/L 99
5) Vinyl chloride	1.31	62	292951	50.470	ug/L 99
6) Bromomethane	1.52	94	179558	51.511	ug/L 98
8) Chloroethane	1.59	64	177465	50.688	ug/L 99
9) Trichlorofluoromethane	1.76	101	370033	52.179	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	209982	53.616	ug/L 99
12) 1,1-Dichloroethene	2.12	96	205370	51.101	ug/L # 72
13) Acetone	2.19	43	230658	102.975	ug/L 99
14) Carbon disulfide	2.30	76	643811	48.754	ug/L 100
15) Methyl Acetate	2.43	43	252816	51.805	ug/L 99
16) Methylene chloride	2.51	84	232688	49.382	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	223686	50.780	ug/L 99
18) Methyl tert-butyl Ether	2.77	73	777069	50.485	ug/L 100
19) 1,1-Dichloroethane	3.19	63	431025	50.471	ug/L 99
20) cis-1,2-Dichloroethene	3.91	96	241181	49.806	ug/L # 96
22) 2-Butanone	3.97	43	348388	106.033	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	119523	50.166	uq/L	98
25) Chloroform	4.38	83	431029	50.536	uq/L	100
27) 1,2-Dichloroethane	5.13	62	361265	51.128	uq/L	98
29) Cyclohexane	4.68	56	396659	51.150	uq/L	100
30) 1,1,1-Trichloroethane	4.61	97	393437	49.590	uq/L	100
31) Carbon tetrachloride	4.83	117	329836	49.248	uq/L	98
33) Benzene	5.10	78	924223	49.979	uq/L	100
34) Trichloroethene	5.92	95	242685	49.680	uq/L	100
35) Methylcyclohexane	6.14	83	396391	53.414	uq/L	99
37) 1,2-Dichloropropane	6.18	63	240819	49.867	uq/L	100
38) Bromodichloromethane	6.51	83	327879	48.554	uq/L	99
39) cis-1,3-Dichloropropene	7.03	75	397137	49.514	uq/L	100
40) 4-Methyl-2-pentanone	7.23	43	704700	101.145	uq/L	100
42) Toluene	7.39	91	965542	49.540	uq/L	99
44) trans-1,3-Dichloropropene	7.65	75	400165	49.273	uq/L	98
45) 1,1,2-Trichloroethane	7.84	97	225057	49.075	uq/L	99
46) Tetrachloroethene	7.98	164	180834	53.499	uq/L	99
48) 2-Hexanone	8.14	43	534550	101.115	uq/L	98
49) Dibromochloromethane	8.25	129	243713	48.527	uq/L	100
50) 1,2-Dibromoethane	8.35	107	240718	49.846	uq/L	98
51) Chlorobenzene	8.88	112	610933	49.079	uq/L	98
52) Ethylbenzene	9.01	91	1104447	49.737	uq/L	100
53) m,p-Xylene	9.14	106	406637	49.016	uq/L	97
54) o-xylene	9.55	106	403957	49.678	uq/L	97
55) Styrene	9.56	104	702129	49.542	uq/L	100
56) Isopropylbenzene	9.93	105	1090333	50.332	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	363457	49.283	uq/L	99
59) 1,2,3-Trichloropropane	10.28	75	299419	49.847	uq/L	100
61) Bromoform	9.73	173	162780	48.234	uq/L	100
62) 1,3-Dichlorobenzene	11.18	146	458714	49.020	uq/L	99
63) 1,4-Dichlorobenzene	11.28	146	461195	48.671	uq/L	99
65) 1,2-Dichlorobenzene	11.65	146	462274	49.994	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	94699	49.063	uq/L	92
67) 1,3,5-Trichlorobenzene	12.65	180	331938	50.206	uq/L	99
68) 1,2,4-trichlorobenzene	13.26	180	302330	48.907	uq/L	99
69) Naphthalene	13.50	128	1073488	50.011	uq/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	299991	49.658	uq/L	99

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

