

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014806.D
 Acq On : 10 Mar 2020 16:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Mar 11 03:47:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	412255	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	407274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	218963	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100056	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.72%
7) Chloroethane-d5	1.58	69	86429	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.12	63	183333	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
21) 2-Butanone-d5	3.94	46	175150	84.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	4.38	84	253532	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.06	65	162088	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.08	84	496082	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.10	67	152325	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.48%
41) Toluene-d8	7.34	98	480245	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.64	79	77534	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.12	63	156767	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	229260	46.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	209085	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	185961	45.642	ug/L 98
3) Chloromethane	1.25	50	146874	40.928	ug/L 99
5) Vinyl chloride	1.32	62	139538	41.960	ug/L 99
6) Bromomethane	1.53	94	84095	40.745	ug/L 96
8) Chloroethane	1.60	64	78394	43.854	ug/L 98
9) Trichlorofluoromethane	1.76	101	207819	46.735	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103156	45.063	ug/L 98
12) 1,1-Dichloroethene	2.13	96	98144	43.824	ug/L 98
13) Acetone	2.22	43	130562	75.155	ug/L 69
14) Carbon disulfide	2.31	76	305331	41.237	ug/L 98
15) Methyl Acetate	2.46	43	134161	41.106	ug/L 95
16) Methylene chloride	2.52	84	137212	45.113	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	127604	46.123	ug/L 96
18) Methyl tert-butyl Ether	2.79	73	426542	47.092	ug/L 97
19) 1,1-Dichloroethane	3.21	63	238388	44.115	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	142550	46.069	ug/L 97
22) 2-Butanone	4.02	43	205878	89.836	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	75191	47.731	ug/L	90
25) Chloroform	4.41	83	253624	45.305	ug/L	99
27) 1,2-Dichloroethane	5.16	62	198617	45.777	ug/L	99
29) Cyclohexane	4.70	56	220783	44.492	ug/L	93
30) 1,1,1-Trichloroethane	4.64	97	226553	47.979	ug/L	99
31) Carbon tetrachloride	4.86	117	200313	49.951	ug/L	99
33) Benzene	5.13	78	545108	46.200	ug/L	100
34) Trichloroethene	5.94	95	140001	45.404	ug/L	97
35) Methylcyclohexane	6.16	83	235044	46.178	ug/L	94
37) 1,2-Dichloropropane	6.20	63	135322	42.442	ug/L #	96
38) Bromodichloromethane	6.53	83	189497	46.722	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	223566	44.735	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	408655	88.444	ug/L #	95
42) Toluene	7.41	91	605926	46.549	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	201837	44.303	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	138527	47.175	ug/L	97
46) Tetrachloroethene	8.00	164	125530	49.758	ug/L	96
48) 2-Hexanone	8.17	43	316984	87.228	ug/L #	94
49) Dibromochloromethane	8.27	129	148006	46.244	ug/L	99
50) 1,2-Dibromoethane	8.38	107	151347	47.681	ug/L	97
51) Chlorobenzene	8.90	112	395834	47.262	ug/L	98
52) Ethylbenzene	9.04	91	687082	46.853	ug/L	99
53) m,p-Xylene	9.16	106	266917	48.501	ug/L	95
54) o-xylene	9.57	106	261888	48.444	ug/L	99
55) Styrene	9.58	104	451183	48.807	ug/L	100
56) Isopropylbenzene	9.95	105	690576	47.696	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	234834	46.430	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	186257	45.742	ug/L	99
61) Bromoform	9.75	173	103122	43.411	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	334656	47.263	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	335618	47.047	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	333300	47.280	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	54996	45.967	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	255395	46.637	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	233861	46.462	ug/L	99
69) Naphthalene	13.52	128	354816	46.826	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	240212	47.879	ug/L	99

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

