

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018595.D
 Acq On : 01 Oct 2020 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Oct 01 23:39:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316111	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100349	54.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.26%
7) Chloroethane-d5	1.58	69	92117	60.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.18%
11) 1,1-Dichloroethene-d2	2.12	63	215122	56.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.90%
21) 2-Butanone-d5	3.92	46	125054	90.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.43%
24) Chloroform-d	4.38	84	198196	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	5.06	65	127067	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
32) Benzene-d6	5.07	84	381379	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.09	67	114434	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.34	98	365000	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%
43) trans-1,3-Dichloropropene-	7.64	79	62250	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.11	63	84611	95.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145029	47.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	153078	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100424	46.722	ug/L 99
3) Chloromethane	1.25	50	104285	45.344	ug/L 99
5) Vinyl chloride	1.32	62	112372	46.472	ug/L 100
6) Bromomethane	1.53	94	89070	54.122	ug/L 97
8) Chloroethane	1.60	64	80700	54.158	ug/L 99
9) Trichlorofluoromethane	1.77	101	199615	54.316	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109887	53.423	ug/L 99
12) 1,1-Dichloroethene	2.13	96	103720	52.561	ug/L 96
13) Acetone	2.20	43	124651	104.332	ug/L 99
14) Carbon disulfide	2.31	76	292517	45.760	ug/L 100
15) Methyl Acetate	2.45	43	103816	45.103	ug/L 100
16) Methylene chloride	2.52	84	113950	48.112	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	107703	47.698	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	335331	48.742	ug/L 99
19) 1,1-Dichloroethane	3.21	63	192422	48.670	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	118466	49.367	ug/L 100
22) 2-Butanone	4.00	43	149024	98.739	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62638	47.468	ug/L	98
25) Chloroform	4.40	83	205508	49.228	ug/L	100
27) 1,2-Dichloroethane	5.15	62	164615	50.591	ug/L	98
29) Cyclohexane	4.70	56	167362	48.337	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	188438	49.999	ug/L	100
31) Carbon tetrachloride	4.86	117	170946	50.539	ug/L	100
33) Benzene	5.13	78	436100	48.897	ug/L	100
34) Trichloroethene	5.94	95	128165	49.498	ug/L	98
35) Methylcyclohexane	6.15	83	162379	46.488	ug/L	99
37) 1,2-Dichloropropane	6.20	63	111172	48.584	ug/L	100
38) Bromodichloromethane	6.53	83	153468	50.080	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	180252	50.208	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	287946	97.522	ug/L	99
42) Toluene	7.41	91	481662	49.922	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	177787	50.412	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	109777	48.462	ug/L	98
46) Tetrachloroethene	8.00	164	110288	52.502	ug/L	99
48) 2-Hexanone	8.16	43	222536	96.597	ug/L	99
49) Dibromochloromethane	8.27	129	129566	50.009	ug/L	99
50) 1,2-Dibromoethane	8.37	107	118313	49.125	ug/L	96
51) Chlorobenzene	8.90	112	321186	49.208	ug/L	100
52) Ethylbenzene	9.03	91	535694	49.717	ug/L	100
53) m,p-Xylene	9.16	106	206806	49.664	ug/L	100
54) o-xylene	9.56	106	200212	50.784	ug/L	100
55) Styrene	9.58	104	350970	51.128	ug/L	96
56) Isopropylbenzene	9.95	105	525241	49.677	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	152412	47.735	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	136882	49.180	ug/L	100
61) Bromoform	9.75	173	95287	48.660	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	266831	48.364	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	278080	48.947	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	265284	48.604	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34940	46.893	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	180643	47.268	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	170873	48.049	ug/L	99
69) Naphthalene	13.52	128	503577	49.468	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	172534	48.329	ug/L	99

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

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