

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018013.D
 Acq On : 17 Aug 2020 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Aug 18 01:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 14:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145748	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101770	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	85840	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.12	63	203552	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.86%
21) 2-Butanone-d5	3.90	46	125359	96.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.09%
24) Chloroform-d	4.37	84	191357	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
26) 1,2-Dichloroethane-d4	5.05	65	124870	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.07	84	369422	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.09	67	119341	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.33	98	342665	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%
43) trans-1,3-Dichloropropene-	7.64	79	58549	54.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.72%
47) 2-Hexanone-d5	8.11	63	70802	93.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	150130	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	141397	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	104978	52.089	ug/L	99
3) Chloromethane	1.25	50	116002	49.550	ug/L	99
5) Vinyl chloride	1.32	62	120634	52.007	ug/L	99
6) Bromomethane	1.53	94	65201	47.031	ug/L	100
8) Chloroethane	1.60	64	78302	52.889	ug/L	99
9) Trichlorofluoromethane	1.77	101	173948	52.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101796	55.023	ug/L	98
12) 1,1-Dichloroethene	2.13	96	94651	54.053	ug/L	97
13) Acetone	2.19	43	172061	127.697	ug/L	99
14) Carbon disulfide	2.31	76	269606	55.940	ug/L	99
15) Methyl Acetate	2.44	43	109599	50.403	ug/L	98
16) Methylene chloride	2.52	84	108760	48.752	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	96570	53.650	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	315608	53.017	ug/L	99
19) 1,1-Dichloroethane	3.21	63	194477	53.732	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	106956	54.071	ug/L	99
22) 2-Butanone	3.99	43	183575	121.445	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56118	54.308	ug/L	97
25) Chloroform	4.40	83	199311	53.990	ug/L	99
27) 1,2-Dichloroethane	5.15	62	158244	53.854	ug/L	98
29) Cyclohexane	4.70	56	164905	52.317	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	168646	52.696	ug/L	98
31) Carbon tetrachloride	4.85	117	145397	54.573	ug/L	100
33) Benzene	5.12	78	420505	52.043	ug/L	100
34) Trichloroethene	5.94	95	112224	52.545	ug/L	99
35) Methylcyclohexane	6.15	83	170897	53.812	ug/L	99
37) 1,2-Dichloropropane	6.20	63	114450	51.940	ug/L	100
38) Bromodichloromethane	6.53	83	147884	54.032	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	172990	55.380	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	292572	101.569	ug/L	99
42) Toluene	7.41	91	448502	53.195	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168707	56.922	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	105865	51.879	ug/L	99
46) Tetrachloroethene	8.00	164	85913	54.849	ug/L	97
48) 2-Hexanone	8.16	43	258199	111.158	ug/L	99
49) Dibromochloromethane	8.27	129	113239	56.853	ug/L	98
50) 1,2-Dibromoethane	8.37	107	111032	52.590	ug/L	96
51) Chlorobenzene	8.90	112	289112	53.317	ug/L	99
52) Ethylbenzene	9.03	91	497489	54.116	ug/L	100
53) m,p-Xylene	9.16	106	185653	54.908	ug/L	98
54) o-xylene	9.56	106	179135	53.611	ug/L	98
55) Styrene	9.58	104	324720	56.749	ug/L	98
56) Isopropylbenzene	9.95	105	483282	54.826	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	158045	49.737	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	135534	49.805	ug/L	100
61) Bromoform	9.75	173	77130	55.929	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	241750	52.161	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	250091	52.528	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	244149	51.180	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34670	49.327	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	192344	54.632	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	172733	55.803	ug/L	99
69) Naphthalene	13.52	128	455308	53.366	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174864	55.550	ug/L	100

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

