

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018192.D
 Acq On : 11 Sep 2020 11:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Sep 12 01:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 15:02:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303324	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303820	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103522	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.76%
7) Chloroethane-d5	1.58	69	91350	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	209120	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
21) 2-Butanone-d5	3.91	46	161165	106.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.37	84	205098	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.05	65	135434	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.07	84	404849	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.09	67	132341	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.78%
41) Toluene-d8	7.33	98	376857	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.64	79	67462	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
47) 2-Hexanone-d5	8.10	63	113367	108.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.30%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	177223	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	164588	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115201	52.085	ug/L 100
3) Chloromethane	1.25	50	126987	52.579	ug/L 98
5) Vinyl chloride	1.32	62	128746	51.984	ug/L 100
6) Bromomethane	1.53	94	82621	54.580	ug/L 99
8) Chloroethane	1.60	64	83914	54.088	ug/L 100
9) Trichlorofluoromethane	1.77	101	180365	52.931	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111394	54.423	ug/L 99
12) 1,1-Dichloroethene	2.13	96	106724	53.587	ug/L 97
13) Acetone	2.19	43	168366	138.965	ug/L 99
14) Carbon disulfide	2.31	76	317560	52.108	ug/L 100
15) Methyl Acetate	2.45	43	124038	56.968	ug/L 99
16) Methylene chloride	2.52	84	125125	56.019	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	111068	54.113	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	365100	57.503	ug/L 100
19) 1,1-Dichloroethane	3.21	63	213541	55.026	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	122101	55.650	ug/L 100
22) 2-Butanone	3.99	43	198229	138.170	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	66980	58.347	ug/L	98
25) Chloroform	4.40	83	224347	56.873	ug/L	99
27) 1,2-Dichloroethane	5.15	62	172316	56.427	ug/L	99
29) Cyclohexane	4.70	56	187123	53.337	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	185972	52.744	ug/L	100
31) Carbon tetrachloride	4.85	117	162420	52.387	ug/L	98
33) Benzene	5.12	78	476383	54.841	ug/L	100
34) Trichloroethene	5.94	95	125891	53.201	ug/L	99
35) Methylcyclohexane	6.15	83	191081	53.631	ug/L	100
37) 1,2-Dichloropropane	6.19	63	125387	54.473	ug/L	99
38) Bromodichloromethane	6.53	83	164773	55.007	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	199720	56.313	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	329908	118.140	ug/L	99
42) Toluene	7.41	91	513832	55.895	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	197008	57.051	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	120725	56.585	ug/L	99
46) Tetrachloroethene	7.99	164	102350	55.164	ug/L	98
48) 2-Hexanone	8.15	43	274375	124.628	ug/L	99
49) Dibromochloromethane	8.26	129	133316	55.668	ug/L	100
50) 1,2-Dibromoethane	8.37	107	127821	56.925	ug/L	99
51) Chlorobenzene	8.90	112	333651	55.887	ug/L	99
52) Ethylbenzene	9.03	91	562766	56.073	ug/L	100
53) m,p-Xylene	9.16	106	215976	57.654	ug/L	97
54) o-xylene	9.56	106	207189	57.410	ug/L	100
55) Styrene	9.58	104	371177	59.173	ug/L	99
56) Isopropylbenzene	9.95	105	552774	56.833	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	183767	58.228	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	154877	57.206	ug/L	100
61) Bromoform	9.75	173	99307	55.113	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	280557	56.252	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	286677	55.921	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	282173	55.973	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	40345	56.713	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	225881	57.448	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	209096	59.718	ug/L	99
69) Naphthalene	13.52	128	562311	63.469	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	208620	60.494	ug/L	99

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

