

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018294.D
 Acq On : 17 Sep 2020 21:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Sep 18 06:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161747	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91077	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.86%
7) Chloroethane-d5	1.58	69	76801	39.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.18%
11) 1,1-Dichloroethene-d2	2.12	63	189064	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
21) 2-Butanone-d5	3.92	46	131324	89.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	4.38	84	183276	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.06	65	114507	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
32) Benzene-d6	5.08	84	349774	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.09	67	110990	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.98%
41) Toluene-d8	7.34	98	328429	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.64	79	56124	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.11	63	97392	96.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155278	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	138367	41.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103385	48.122	ug/L 98
3) Chloromethane	1.25	50	117839	50.232	ug/L 99
5) Vinyl chloride	1.32	62	118231	49.148	ug/L 100
6) Bromomethane	1.53	94	72948	49.613	ug/L 100
8) Chloroethane	1.60	64	75723	50.249	ug/L 99
9) Trichlorofluoromethane	1.77	101	167577	50.630	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99418	50.006	ug/L 100
12) 1,1-Dichloroethene	2.13	96	96687	49.980	ug/L 99
13) Acetone	2.20	43	99031	84.151	ug/L 99
14) Carbon disulfide	2.31	76	279801	47.268	ug/L 99
15) Methyl Acetate	2.45	43	108128	51.127	ug/L 100
16) Methylene chloride	2.52	84	113707	52.410	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	99170	49.743	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	308319	49.994	ug/L 100
19) 1,1-Dichloroethane	3.21	63	190798	50.617	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	107182	50.293	ug/L 98
22) 2-Butanone	4.00	43	145428	104.359	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	56385	50.567	ug/L	98
25) Chloroform	4.40	83	191668	50.023	ug/L	99
27) 1,2-Dichloroethane	5.16	62	152412	51.382	ug/L	99
29) Cyclohexane	4.71	56	169939	50.047	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	168043	49.241	ug/L	99
31) Carbon tetrachloride	4.86	117	146497	48.820	ug/L	98
33) Benzene	5.13	78	424560	50.498	ug/L	100
34) Trichloroethene	5.94	95	108131	47.212	ug/L	99
35) Methylcyclohexane	6.16	83	170361	49.403	ug/L	99
37) 1,2-Dichloropropane	6.20	63	111845	50.202	ug/L	99
38) Bromodichloromethane	6.53	83	143312	49.431	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	166935	48.631	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	287106	106.225	ug/L	100
42) Toluene	7.41	91	452812	50.893	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	165379	49.481	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	104454	50.584	ug/L	99
46) Tetrachloroethene	8.00	164	89203	49.674	ug/L	98
48) 2-Hexanone	8.16	43	223306	104.797	ug/L	99
49) Dibromochloromethane	8.27	129	115988	50.040	ug/L	98
50) 1,2-Dibromoethane	8.37	107	109847	50.544	ug/L	99
51) Chlorobenzene	8.90	112	290388	50.255	ug/L	99
52) Ethylbenzene	9.03	91	497599	51.226	ug/L	99
53) m,p-Xylene	9.16	106	187114	51.607	ug/L	98
54) o-xylene	9.56	106	181169	51.867	ug/L	99
55) Styrene	9.58	104	323646	53.308	ug/L	100
56) Isopropylbenzene	9.95	105	488074	51.846	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166830	54.616	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	136237	51.991	ug/L	100
61) Bromoform	9.75	173	87296	50.239	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	238608	49.610	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	248627	50.292	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	239161	49.195	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37043	53.996	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	185342	48.881	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	171749	50.866	ug/L	99
69) Naphthalene	13.52	128	500198	58.546	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174745	52.545	ug/L	99

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

