

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016925.D
 Acq On : 15 Jun 2020 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Jun 16 04:29:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 02:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376329	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180469	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111652	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.57	69	59453	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.62%
11) 1,1-Dichloroethene-d2	2.12	63	214553	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
21) 2-Butanone-d5	3.90	46	185725	94.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	4.37	84	261541	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.05	65	177311	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.07	84	492628	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.09	67	152373	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.33	98	460005	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.64	79	82349	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.11	63	121453	88.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195373	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	188971	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	151196	50.676	ug/L 97
3) Chloromethane	1.25	50	133216	48.824	ug/L 98
5) Vinyl chloride	1.32	62	131074	48.851	ug/L 100
6) Bromomethane	1.53	94	54187	48.490	ug/L 96
8) Chloroethane	1.59	64	54402	41.046	ug/L 95
9) Trichlorofluoromethane	1.76	101	215752	53.733	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109573	54.764	ug/L 98
12) 1,1-Dichloroethene	2.13	96	95075	50.902	ug/L 96
13) Acetone	2.18	43	171061	132.098	ug/L 100
14) Carbon disulfide	2.31	76	327189	48.382	ug/L 100
15) Methyl Acetate	2.44	43	145079	50.265	ug/L 98
16) Methylene chloride	2.52	84	136485	49.797	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	128023	50.270	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	444253	52.646	ug/L 99
19) 1,1-Dichloroethane	3.21	63	244994	51.108	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	143090	51.538	ug/L 99
22) 2-Butanone	3.98	43	231615	115.986	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	75035	51.304	ug/L	99
25) Chloroform	4.40	83	259717	52.718	ug/L	98
27) 1,2-Dichloroethane	5.15	62	216484	52.420	ug/L	100
29) Cyclohexane	4.70	56	220015	50.319	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	238644	53.183	ug/L	98
31) Carbon tetrachloride	4.85	117	215176	55.431	ug/L	98
33) Benzene	5.12	78	531056	51.012	ug/L	100
34) Trichloroethene	5.94	95	148075	53.035	ug/L	98
35) Methylcyclohexane	6.15	83	226808	51.781	ug/L	98
37) 1,2-Dichloropropane	6.20	63	140704	51.972	ug/L	99
38) Bromodichloromethane	6.53	83	192416	53.390	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	228049	54.228	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	408095	106.376	ug/L	100
42) Toluene	7.41	91	585361	53.338	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	223779	54.734	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	135613	51.920	ug/L	98
46) Tetrachloroethene	8.00	164	116395	53.006	ug/L	97
48) 2-Hexanone	8.16	43	334423	112.428	ug/L	99
49) Dibromochloromethane	8.27	129	151160	54.126	ug/L	99
50) 1,2-Dibromoethane	8.37	107	145148	53.066	ug/L	99
51) Chlorobenzene	8.90	112	373575	52.175	ug/L	99
52) Ethylbenzene	9.03	91	653497	53.760	ug/L	98
53) m,p-Xylene	9.16	106	246172	54.391	ug/L	97
54) o-xylene	9.56	106	240770	53.939	ug/L	99
55) Styrene	9.58	104	410642	54.412	ug/L	97
56) Isopropylbenzene	9.95	105	654459	54.565	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	200713	50.119	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	173443	51.634	ug/L	99
61) Bromoform	9.75	173	103071	55.526	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	303361	53.072	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	302281	51.975	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	300333	52.430	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	45901	50.960	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	225880	52.994	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	206953	52.934	ug/L	98
69) Naphthalene	13.52	128	595947	52.992	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	204181	53.375	ug/L	99

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

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