

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015384.D
 Acq On : 02 Apr 2020 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Apr 03 01:35:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	707471	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	685225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	337476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	239207	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.42%
7) Chloroethane-d5	1.58	69	209583	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.36%
11) 1,1-Dichloroethene-d2	2.12	63	490065	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
21) 2-Butanone-d5	3.94	46	328488	97.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.43%
24) Chloroform-d	4.38	84	446287	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
26) 1,2-Dichloroethane-d4	5.06	65	273978	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
32) Benzene-d6	5.07	84	869055	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.36%
36) 1,2-Dichloropropane-d6	6.09	67	264663	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.08%
41) Toluene-d8	7.34	98	850816	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%
43) trans-1,3-Dichloropropene-	7.64	79	138906	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
47) 2-Hexanone-d5	8.11	63	253320	89.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	397040	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	329468	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	293284	45.841	ug/L 99
3) Chloromethane	1.25	50	258532	42.878	ug/L 100
5) Vinyl chloride	1.32	62	274348	43.440	ug/L 100
6) Bromomethane	1.53	94	185733	44.488	ug/L 97
8) Chloroethane	1.60	64	172758	39.819	ug/L 100
9) Trichlorofluoromethane	1.76	101	458030	38.359	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	248917	46.649	ug/L 99
12) 1,1-Dichloroethene	2.13	96	239350	47.268	ug/L 94
13) Acetone	2.22	43	208953	94.416	ug/L 94
14) Carbon disulfide	2.31	76	618549	44.168	ug/L 99
15) Methyl Acetate	2.46	43	234981	48.480	ug/L 99
16) Methylene chloride	2.52	84	249526	46.597	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	228909	47.357	ug/L 96
18) Methyl tert-butyl Ether	2.79	73	759089	47.637	ug/L 99
19) 1,1-Dichloroethane	3.21	63	407721	46.360	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	258204	46.683	ug/L 91
22) 2-Butanone	4.02	43	327438	100.007	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	135753	48.597	ug/L	93
25) Chloroform	4.40	83	447000	46.870	ug/L	99
27) 1,2-Dichloroethane	5.16	62	328303	45.706	ug/L	99
29) Cyclohexane	4.70	56	353035	43.304	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	406156	46.127	ug/L	99
31) Carbon tetrachloride	4.85	117	353604	46.970	ug/L	99
33) Benzene	5.13	78	943788	46.534	ug/L	100
34) Trichloroethene	5.94	95	255901	47.652	ug/L	98
35) Methylcyclohexane	6.15	83	390326	44.364	ug/L	98
37) 1,2-Dichloropropane	6.20	63	223985	44.998	ug/L	99
38) Bromodichloromethane	6.53	83	336666	46.134	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	383180	45.807	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	662429	94.664	ug/L	98
42) Toluene	7.41	91	1049454	46.560	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	371586	45.714	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	255200	48.618	ug/L	99
46) Tetrachloroethene	8.00	164	187298	48.649	ug/L	96
48) 2-Hexanone	8.16	43	523107	98.719	ug/L	99
49) Dibromochloromethane	8.27	129	275098	47.856	ug/L	100
50) 1,2-Dibromoethane	8.37	107	271039	48.372	ug/L	100
51) Chlorobenzene	8.90	112	706536	47.827	ug/L	98
52) Ethylbenzene	9.04	91	1187254	46.929	ug/L	100
53) m,p-Xylene	9.16	106	464265	47.657	ug/L	99
54) o-xylene	9.57	106	465581	47.712	ug/L	99
55) Styrene	9.58	104	785064	48.381	ug/L	98
56) Isopropylbenzene	9.95	105	1202108	47.557	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	399165	47.367	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	315971	47.011	ug/L	98
61) Bromoform	9.75	173	177499	47.087	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	542663	47.764	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	544556	47.260	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	549178	47.392	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	99698	43.571	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	358689	47.638	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	337346	49.050	ug/L	99
69) Naphthalene	13.53	128	1304086	49.597	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	345440	48.760	ug/L	100

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

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