

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016870.D
 Acq On : 12 Jun 2020 11:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Jun 12 11:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321976	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309257	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102260	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.02%
7) Chloroethane-d5	1.55	69	70188	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.98%
11) 1,1-Dichloroethene-d2	2.11	63	182795	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
21) 2-Butanone-d5	3.89	46	158536	94.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.37	84	221702	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.05	65	155998	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.07	84	420261	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.09	67	127098	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	383335	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.64	79	63389	43.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.60%
47) 2-Hexanone-d5	8.11	63	106160	87.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172892	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	166957	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	126619	49.602 ug/L	99
3) Chloromethane	1.24	50	119403	51.149 ug/L	97
5) Vinyl chloride	1.32	62	106029	46.187 ug/L	99
6) Bromomethane	1.51	94	44726	46.780 ug/L	100
8) Chloroethane	1.57	64	58733	51.795 ug/L	99
9) Trichlorofluoromethane	1.75	101	172324	50.162 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	79482	46.431 ug/L	98
12) 1,1-Dichloroethene	2.12	96	76072	47.603 ug/L	91
13) Acetone	2.17	43	101207	91.348 ug/L	99
14) Carbon disulfide	2.30	76	256723	44.370 ug/L	99
15) Methyl Acetate	2.44	43	120919	48.967 ug/L	99
16) Methylene chloride	2.52	84	114285	48.736 ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	103728	47.606 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	368736	51.074 ug/L	99
19) 1,1-Dichloroethane	3.21	63	204929	49.966 ug/L	100
20) cis-1,2-Dichloroethene	3.93	96	117390	49.419 ug/L	94
22) 2-Butanone	3.98	43	163109	95.469 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62123	49.646	ug/L	99
25) Chloroform	4.40	83	212772	50.480	ug/L	96
27) 1,2-Dichloroethane	5.15	62	183430	51.914	ug/L	98
29) Cyclohexane	4.70	56	175360	45.631	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	195872	49.664	ug/L	99
31) Carbon tetrachloride	4.85	117	170672	50.023	ug/L	100
33) Benzene	5.12	78	436966	47.756	ug/L	100
34) Trichloroethene	5.94	95	118799	48.410	ug/L	99
35) Methylcyclohexane	6.15	83	167855	43.601	ug/L	99
37) 1,2-Dichloropropane	6.20	63	114062	47.935	ug/L	100
38) Bromodichloromethane	6.53	83	156141	49.293	ug/L	98
39) cis-1,3-Dichloropropene	7.04	75	163187	44.150	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	339908	100.807	ug/L	99
42) Toluene	7.41	91	466339	48.346	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	168911	47.005	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	114127	49.713	ug/L	96
46) Tetrachloroethene	8.00	164	89630	46.440	ug/L	98
48) 2-Hexanone	8.16	43	268680	102.769	ug/L	97
49) Dibromochloromethane	8.27	129	125143	50.983	ug/L	98
50) 1,2-Dibromoethane	8.37	107	120123	49.966	ug/L	100
51) Chlorobenzene	8.90	112	306949	48.775	ug/L	98
52) Ethylbenzene	9.03	91	527404	49.364	ug/L	99
53) m,p-Xylene	9.16	106	196750	49.459	ug/L	99
54) o-xylene	9.57	106	197563	50.356	ug/L	98
55) Styrene	9.58	104	339427	51.171	ug/L	99
56) Isopropylbenzene	9.95	105	525301	49.830	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	173917	49.410	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	148694	50.364	ug/L	99
61) Bromoform	9.75	173	83965	49.384	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	252809	48.287	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	254441	47.765	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	263048	50.135	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	41529	50.338	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	184325	47.213	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	170710	47.671	ug/L	98
69) Naphthalene	13.52	128	525854	51.050	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	170698	48.717	ug/L	99

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

