

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016863.D
 Acq On : 12 Jun 2020 05:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD05084

Quant Time: Jun 12 06:25:54 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	360705	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96443	37.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.78%
7) Chloroethane-d5	1.56	69	56464	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.94%
11) 1,1-Dichloroethene-d2	2.12	63	180250	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
21) 2-Butanone-d5	3.90	46	175733	93.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.29%
24) Chloroform-d	4.37	84	233306	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.05	65	163317	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.07	84	431440	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
36) 1,2-Dichloropropane-d6	6.09	67	135050	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.78%
41) Toluene-d8	7.34	98	399427	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.64	79	66653	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.20%
47) 2-Hexanone-d5	8.11	63	117448	87.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180795	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	166983	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	134428	47.007 ug/L	99
3) Chloromethane	1.25	50	114516	43.788 ug/L	100
5) Vinyl chloride	1.32	62	116020	45.113 ug/L	99
6) Bromomethane	1.52	94	42485	39.665 ug/L	96
8) Chloroethane	1.58	64	59044	46.478 ug/L	98
9) Trichlorofluoromethane	1.76	101	181359	47.124 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86002	44.845 ug/L	100
12) 1,1-Dichloroethene	2.13	96	81135	45.320 ug/L	94
13) Acetone	2.18	43	103004	82.988 ug/L	100
14) Carbon disulfide	2.31	76	274189	42.301 ug/L	100
15) Methyl Acetate	2.44	43	128540	46.464 ug/L	99
16) Methylene chloride	2.52	84	119880	45.633 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	111046	45.493 ug/L	95
18) Methyl tert-butyl Ether	2.78	73	384630	47.555 ug/L	99
19) 1,1-Dichloroethane	3.21	63	212895	46.335 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	124460	46.770 ug/L	98
22) 2-Butanone	3.98	43	179185	93.617 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	66444	47.398	ug/L	96
25) Chloroform	4.40	83	229621	48.628	ug/L	99
27) 1,2-Dichloroethane	5.15	62	196089	49.538	ug/L	97
29) Cyclohexane	4.70	56	187004	43.951	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	208299	47.703	ug/L	99
31) Carbon tetrachloride	4.85	117	183461	48.566	ug/L	98
33) Benzene	5.12	78	461604	45.565	ug/L	100
34) Trichloroethene	5.94	95	125495	46.189	ug/L	98
35) Methylcyclohexane	6.15	83	178344	41.841	ug/L	99
37) 1,2-Dichloropropane	6.20	63	122655	46.556	ug/L	100
38) Bromodichloromethane	6.53	83	164456	46.893	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	181535	44.360	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	360377	96.533	ug/L	99
42) Toluene	7.41	91	493244	46.186	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	176776	44.432	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	117919	46.393	ug/L	99
46) Tetrachloroethene	8.00	164	96922	45.357	ug/L	97
48) 2-Hexanone	8.16	43	279299	96.490	ug/L	100
49) Dibromochloromethane	8.27	129	130828	48.140	ug/L	100
50) 1,2-Dibromoethane	8.37	107	125628	47.198	ug/L	99
51) Chlorobenzene	8.90	112	321424	46.131	ug/L	99
52) Ethylbenzene	9.03	91	554355	46.864	ug/L	100
53) m,p-Xylene	9.16	106	206881	46.972	ug/L	99
54) o-xylene	9.56	106	205838	47.387	ug/L	98
55) Styrene	9.58	104	354623	48.287	ug/L	99
56) Isopropylbenzene	9.95	105	557421	47.759	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	179635	46.095	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	154509	47.268	ug/L	99
61) Bromoform	9.75	173	87828	49.307	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	260896	47.565	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	261673	46.888	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	264089	48.044	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41114	47.568	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	182660	44.659	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	175377	46.747	ug/L	98
69) Naphthalene	13.53	128	536320	49.698	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	176368	48.046	ug/L	99

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

