

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016623.D
 Acq On : 07 Jun 2020 06:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Jun 07 07:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368546	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170610	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104058	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.57	69	58829	31.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.44%#
11) 1,1-Dichloroethene-d2	2.12	63	194687	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
21) 2-Butanone-d5	3.90	46	186501	111.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.74%
24) Chloroform-d	4.38	84	245297	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.05	65	164493	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
32) Benzene-d6	5.07	84	465784	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
36) 1,2-Dichloropropane-d6	6.09	67	146625	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.34	98	430157	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%
43) trans-1,3-Dichloropropene-	7.64	79	69299	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.92%
47) 2-Hexanone-d5	8.11	63	140233	113.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196468	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	169938	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	136975	45.046	ug/L 99
3) Chloromethane	1.25	50	128575	43.885	ug/L 98
5) Vinyl chloride	1.32	62	126729	44.768	ug/L 98
6) Bromomethane	1.52	94	41754	28.353	ug/L 97
8) Chloroethane	1.58	64	64792	40.841	ug/L 98
9) Trichlorofluoromethane	1.76	101	185306	45.330	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90591	42.606	ug/L 98
12) 1,1-Dichloroethene	2.13	96	84953	41.519	ug/L 93
13) Acetone	2.18	43	104014	66.677	ug/L 100
14) Carbon disulfide	2.31	76	309045	43.627	ug/L 99
15) Methyl Acetate	2.44	43	137611	47.995	ug/L 99
16) Methylene chloride	2.52	84	127997	44.373	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	117646	45.570	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	394071	49.305	ug/L 99
19) 1,1-Dichloroethane	3.21	63	222741	46.652	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	131137	47.067	ug/L 99
22) 2-Butanone	3.98	43	185863	96.015	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	67641	47.180	ug/L	98
25) Chloroform	4.40	83	233837	46.726	ug/L	99
27) 1,2-Dichloroethane	5.15	62	198861	48.905	ug/L	98
29) Cyclohexane	4.70	56	206958	50.628	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	212497	50.625	ug/L	98
31) Carbon tetrachloride	4.86	117	181461	50.266	ug/L	98
33) Benzene	5.13	78	496063	48.973	ug/L	100
34) Trichloroethene	5.94	95	129206	48.612	ug/L	97
35) Methylcyclohexane	6.15	83	195868	51.340	ug/L	99
37) 1,2-Dichloropropane	6.20	63	128006	48.483	ug/L	100
38) Bromodichloromethane	6.53	83	168109	49.555	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	187943	48.822	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	374563	103.104	ug/L	100
42) Toluene	7.41	91	524002	48.819	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	181078	47.942	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	123148	48.238	ug/L	99
46) Tetrachloroethene	8.00	164	100857	49.215	ug/L	98
48) 2-Hexanone	8.16	43	289011	102.330	ug/L	98
49) Dibromochloromethane	8.27	129	129588	52.213	ug/L	99
50) 1,2-Dibromoethane	8.37	107	130350	48.268	ug/L	100
51) Chlorobenzene	8.90	112	338478	47.981	ug/L	100
52) Ethylbenzene	9.03	91	582433	49.856	ug/L	99
53) m,p-Xylene	9.16	106	218282	49.553	ug/L	99
54) o-xylene	9.57	106	214206	50.210	ug/L	99
55) Styrene	9.58	104	367433	49.163	ug/L	97
56) Isopropylbenzene	9.95	105	575055	51.894	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	189221	46.204	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	155389	47.165	ug/L	100
61) Bromoform	9.75	173	86289	60.403	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	257986	48.805	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	260870	47.563	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	260741	49.006	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41945	51.948	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	182282	51.256	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	172888	52.512	ug/L	100
69) Naphthalene	13.53	128	534598	52.901	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	174506	55.757	ug/L	99

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

