

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016645.D
 Acq On : 07 Jun 2020 15:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Jun 08 05:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336955	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93839	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.14%
7) Chloroethane-d5	1.56	69	68141	37.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.58%
11) 1,1-Dichloroethene-d2	2.12	63	179669	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.16%
21) 2-Butanone-d5	3.89	46	174985	109.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.56%
24) Chloroform-d	4.37	84	229008	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
26) 1,2-Dichloroethane-d4	5.05	65	156417	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.07	84	434858	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.09	67	137084	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.34	98	396679	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.64	79	63993	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.38%
47) 2-Hexanone-d5	8.11	63	131334	109.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189427	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	169864	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	132393	45.499	ug/L 99
3) Chloromethane	1.25	50	133804	47.726	ug/L 98
5) Vinyl chloride	1.32	62	116893	43.153	ug/L 100
6) Bromomethane	1.51	94	42849	30.407	ug/L 98
8) Chloroethane	1.58	64	64274	42.339	ug/L 97
9) Trichlorofluoromethane	1.76	101	173390	44.325	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83815	41.194	ug/L 98
12) 1,1-Dichloroethene	2.13	96	80013	40.866	ug/L 93
13) Acetone	2.17	43	96614	64.722	ug/L 98
14) Carbon disulfide	2.30	76	295102	43.534	ug/L 100
15) Methyl Acetate	2.44	43	132243	48.199	ug/L 99
16) Methylene chloride	2.52	84	122951	44.543	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	112612	45.584	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	383409	50.131	ug/L 99
19) 1,1-Dichloroethane	3.21	63	215813	47.236	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	125256	46.981	ug/L 99
22) 2-Butanone	3.98	43	176276	95.162	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	65648	47.851	ug/L	97
25) Chloroform	4.40	83	222636	46.491	ug/L	99
27) 1,2-Dichloroethane	5.15	62	188705	48.496	ug/L	99
29) Cyclohexane	4.70	56	195401	48.860	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	204096	49.701	ug/L	98
31) Carbon tetrachloride	4.85	117	172434	48.824	ug/L	99
33) Benzene	5.12	78	477543	48.189	ug/L	100
34) Trichloroethene	5.94	95	122352	47.054	ug/L	97
35) Methylcyclohexane	6.15	83	181266	48.566	ug/L	98
37) 1,2-Dichloropropane	6.20	63	123896	47.966	ug/L	99
38) Bromodichloromethane	6.53	83	162755	49.040	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	173130	45.970	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	362963	102.125	ug/L	99
42) Toluene	7.41	91	508370	48.412	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	171876	46.514	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	119427	47.817	ug/L	97
46) Tetrachloroethene	8.00	164	95589	47.678	ug/L	99
48) 2-Hexanone	8.16	43	281967	102.048	ug/L	98
49) Dibromochloromethane	8.27	129	127734	52.606	ug/L	97
50) 1,2-Dibromoethane	8.37	107	124531	47.135	ug/L	99
51) Chlorobenzene	8.90	112	327744	47.488	ug/L	99
52) Ethylbenzene	9.03	91	563151	49.274	ug/L	99
53) m,p-Xylene	9.16	106	211879	49.166	ug/L	100
54) o-xylene	9.56	106	210070	50.332	ug/L	99
55) Styrene	9.58	104	360763	49.340	ug/L	99
56) Isopropylbenzene	9.95	105	560817	51.731	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	191230	47.730	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	155853	48.354	ug/L	99
61) Bromoform	9.75	173	84852	59.065	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	259992	48.910	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	260765	47.279	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	270970	50.644	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43824	53.972	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	184948	51.715	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	171487	51.796	ug/L	99
69) Naphthalene	13.53	128	532848	52.434	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	171432	54.469	ug/L	99

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

