

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020620\
 Data File : VV014516.D
 Acq On : 06 Feb 2020 12:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

Quant Time: Feb 07 01:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 01:37:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	379544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350276	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	172840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95089	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	69137	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	2.13	63	147145	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
21) 2-Butanone-d5	3.92	46	179622	113.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.05%
24) Chloroform-d	4.40	84	244741	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.08	65	154724	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.08%
32) Benzene-d6	5.10	84	498812	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
36) 1,2-Dichloropropane-d6	6.11	67	157720	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.06%
41) Toluene-d8	7.35	98	452700	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%
43) trans-1,3-Dichloropropene-	7.66	79	83751	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.04%
47) 2-Hexanone-d5	8.12	63	144986	114.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.59%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	210389	54.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.94%
66) 1,2-Dichlorobenzene-d4	11.67	152	168211	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	140926	46.352	ug/L 99
3) Chloromethane	1.26	50	149645	48.610	ug/L 99
5) Vinyl chloride	1.33	62	107571	45.622	ug/L 99
6) Bromomethane	1.53	94	53082	48.958	ug/L 96
8) Chloroethane	1.60	64	55802	47.628	ug/L 98
9) Trichlorofluoromethane	1.77	101	150271	47.311	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72081	47.261	ug/L 99
12) 1,1-Dichloroethene	2.14	96	69639	47.739	ug/L 88
13) Acetone	2.18	43	169340	127.298	ug/L 95
14) Carbon disulfide	2.32	76	340568	48.084	ug/L 100
15) Methyl Acetate	2.45	43	141062	55.147	ug/L 99
16) Methylene chloride	2.54	84	143946	51.958	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	129323	50.318	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	447335	54.964	ug/L 100
19) 1,1-Dichloroethane	3.23	63	238125	51.813	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	148811	51.452	ug/L 98
22) 2-Butanone	4.00	43	220608	112.129	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	73383	53.584	ug/L	97
25) Chloroform	4.42	83	240456	51.455	ug/L	98
27) 1,2-Dichloroethane	5.17	62	187673	53.898	ug/L	100
29) Cyclohexane	4.73	56	202676	47.060	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	198646	49.691	ug/L	100
31) Carbon tetrachloride	4.87	117	170870	48.450	ug/L	100
33) Benzene	5.14	78	534203	51.875	ug/L	100
34) Trichloroethene	5.96	95	137380	50.329	ug/L	98
35) Methylcyclohexane	6.17	83	208781	46.805	ug/L	99
37) 1,2-Dichloropropane	6.22	63	138529	52.813	ug/L	99
38) Bromodichloromethane	6.55	83	187969	53.398	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	235111	53.733	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	380757	112.329	ug/L	100
42) Toluene	7.43	91	551941	49.989	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	210378	53.624	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	136512	54.248	ug/L	99
46) Tetrachloroethene	8.01	164	99225	47.650	ug/L	97
48) 2-Hexanone	8.18	43	302367	115.875	ug/L	98
49) Dibromochloromethane	8.28	129	154007	54.207	ug/L	100
50) 1,2-Dibromoethane	8.39	107	148205	54.378	ug/L	98
51) Chlorobenzene	8.92	112	359093	49.790	ug/L	99
52) Ethylbenzene	9.05	91	608274	49.126	ug/L	99
53) m,p-Xylene	9.18	106	232998	48.852	ug/L	98
54) o-Xylene	9.58	106	229141	50.195	ug/L	100
55) Styrene	9.60	104	399599	51.217	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	213835	54.217	ug/L	99
59) Bromoform	9.77	173	105109	54.523	ug/L	99
60) Isopropylbenzene	9.97	105	589236	50.412	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	171432	56.005	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	500909	50.059	ug/L	98
63) 1,2,4-Trimethylbenzene	10.95	105	499717	50.657	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	275445	49.960	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	284976	50.209	ug/L	99
67) 1,2-Dichlorobenzene	11.68	146	272071	50.898	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	48417	56.482	ug/L	99
69) 1,3,5-Trichlorobenzene	12.68	180	194055	49.961	ug/L	98
70) 1,2,4-trichlorobenzene	13.30	180	181538	50.907	ug/L	99
71) Naphthalene	13.54	128	637615	54.432	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	179601	51.836	ug/L	99

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

