

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017852.D
 Acq On : 08 Aug 2020 13:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Quant Time: Aug 10 04:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 02:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143255	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67401	49.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.38%
7) Chloroethane-d5	1.58	69	56366	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.82%
11) 1,1-Dichloroethene-d2	2.12	63	160193	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
21) 2-Butanone-d5	3.91	46	85721	100.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	4.37	84	178205	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.05	65	130124	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.07	84	292372	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.09	67	77173	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.82%
41) Toluene-d8	7.34	98	298226	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.64	79	50766	53.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.06%
47) 2-Hexanone-d5	8.11	63	58462	108.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.57%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	114357	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	144416	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	105223	50.386	ug/L 97
3) Chloromethane	1.25	50	65759	49.772	ug/L 99
5) Vinyl chloride	1.32	62	75705	49.329	ug/L 96
6) Bromomethane	1.53	94	54600	52.303	ug/L 93
8) Chloroethane	1.60	64	47975	49.532	ug/L 98
9) Trichlorofluoromethane	1.76	101	187772	49.714	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	82269	49.025	ug/L 100
12) 1,1-Dichloroethene	2.13	96	75614	48.865	ug/L 88
13) Acetone	2.19	43	97897	88.567	ug/L 98
14) Carbon disulfide	2.31	76	191142	53.594	ug/L 98
15) Methyl Acetate	2.45	43	62946	51.634	ug/L 99
16) Methylene chloride	2.52	84	80205	49.294	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	78187	49.505	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	281466	51.764	ug/L 99
19) 1,1-Dichloroethane	3.21	63	133077	51.055	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	89187	52.285	ug/L 100
22) 2-Butanone	4.00	43	93504	97.443	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	51256	50.286	ug/L	97
25) Chloroform	4.40	83	169694	50.602	ug/L	97
27) 1,2-Dichloroethane	5.15	62	153056	50.555	ug/L	97
29) Cyclohexane	4.70	56	102254	50.544	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	176355	49.617	ug/L	98
31) Carbon tetrachloride	4.85	117	160385	50.551	ug/L	97
33) Benzene	5.13	78	302109	50.306	ug/L	100
34) Trichloroethene	5.94	95	91185	50.261	ug/L	98
35) Methylcyclohexane	6.15	83	125723	48.661	ug/L	98
37) 1,2-Dichloropropane	6.20	63	67550	51.434	ug/L	99
38) Bromodichloromethane	6.53	83	125071	52.443	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	124706	55.213	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	180396	105.288	ug/L	99
42) Toluene	7.41	91	348910	49.849	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	132935	56.002	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	83622	50.600	ug/L	97
46) Tetrachloroethene	8.00	164	86379	50.515	ug/L	98
48) 2-Hexanone	8.16	43	146973	102.459	ug/L	99
49) Dibromochloromethane	8.27	129	98903	53.771	ug/L	99
50) 1,2-Dibromoethane	8.37	107	92047	50.533	ug/L	98
51) Chlorobenzene	8.90	112	243767	50.061	ug/L	99
52) Ethylbenzene	9.03	91	406784	50.580	ug/L	99
53) m,p-Xylene	9.16	106	159044	50.876	ug/L	93
54) o-xylene	9.56	106	155574	50.673	ug/L	99
55) Styrene	9.58	104	271290	51.531	ug/L	99
56) Isopropylbenzene	9.95	105	427978	50.436	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	113052	50.790	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	103664	51.259	ug/L	97
61) Bromoform	9.75	173	64440	52.341	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	221439	50.558	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	223890	50.327	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	222380	49.903	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	30722	52.672	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	181661	51.030	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	166378	53.362	ug/L	98
69) Naphthalene	13.52	128	435866	54.744	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	165742	52.663	ug/L	100

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

