

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021319\
 Data File : VX007504.D
 Acq On : 13 Feb 2019 00:49
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021319

Quant Time: Feb 13 08:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.756	-3.8	106	0.00
3 M	Chloromethane	20.000	22.362	-11.8	113	0.00
4 M	Vinyl Chloride	20.000	21.086	-5.4	110	0.00
5 M	Bromomethane	20.000	19.880	0.6	116	0.00
6 M	Chloroethane	20.000	21.553	-7.8	117	0.00
7 M	Trichlorofluoromethane	20.000	21.483	-7.4	111	0.00
8 T	Diethyl Ether	20.000	21.264	-6.3	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.751	-3.8	109	0.00
10 M	1,1-Dichloroethene	20.000	21.172	-5.9	109	0.00
11	Methyl Iodide	20.000	17.314	13.4	94	0.00
12	Methyl Acetate	20.000	20.181	-0.9	109	0.00
13 M	Acrolein	100.000	104.570	-4.6	115	0.00
14 M	Acrylonitrile	100.000	106.642	-6.6	110	0.00
15 M	Acetone	100.000	105.859	-5.9	109	0.00
16 M	Carbon Disulfide	20.000	22.328	-11.6	119	0.00
17	Allyl chloride	20.000	21.080	-5.4	113	0.00
18 M	Methylene Chloride	20.000	20.686	-3.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.804	-9.0	115	0.00
20 T	Diisopropyl ether	20.000	20.674	-3.4	107	0.00
21 M	1,1-Dichloroethane	20.000	20.894	-4.5	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.001	-5.0	108	0.00
23 M	tert-Butyl Alcohol	100.000	115.286	-15.3	121	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.147	-5.7	111	0.00
25 M	Chloroform	20.000	20.358	-1.8	106	0.00
26	Cyclohexane	20.000	20.882	-4.4	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.771	-2.6	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.370	-1.9	106	0.00
30 M	2-Butanone	100.000	107.625	-7.6	110	0.00
31	2,2-Dichloropropane	20.000	19.251	3.7	101	0.00
32 M	1,1,1-Trichloroethane	20.000	20.409	-2.0	106	0.00
33 M	Carbon Tetrachloride	20.000	19.712	1.4	106	0.00
34 M	Benzene	20.000	20.659	-3.3	107	0.00
35	Methacrylonitrile	20.000	21.111	-5.6	111	0.00
36 M	1,2-Dichloroethane	20.000	20.745	-3.7	108	0.00
37 M	Trichloroethene	20.000	20.879	-4.4	109	0.00
38	Methylcyclohexane	20.000	20.018	-0.1	105	0.00
39 M	1,2-Dichloropropane	20.000	20.724	-3.6	108	0.00
40	Dibromomethane	20.000	20.510	-2.6	105	0.00
41 M	Bromodichloromethane	20.000	19.583	2.1	105	0.00
42 M	Vinyl Acetate	100.000	106.148	-6.1	109	0.00
43	Ethyl Acetate	20.000	21.831	-9.2	112	0.00
44	Isopropyl Acetate	20.000	20.738	-3.7	111	0.00
45 T	1,4-Dioxane	400.000	442.870	-10.7	114	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.798	-4.0	110	0.00
47	n-amyl Acetate	20.000	20.737	-3.7	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.038	-0.2	111	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.237	-1.2	108	0.00
50 M	1,1,2-Trichloroethane	20.000	21.364	-6.8	110	0.00
51	Ethyl methacrylate	20.000	20.676	-3.4	107	0.00
52	1,3-Dichloropropane	20.000	21.056	-5.3	108	0.00
53 M	Dibromochloromethane	20.000	20.150	-0.7	110	0.00
54 M	1,2-Dibromoethane	20.000	20.836	-4.2	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.023	-6.0	111	0.00
56 M	Bromoform	20.000	19.814	0.9	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.261	-8.3	109	0.00
59 M	2-Hexanone	100.000	108.526	-8.5	110	0.00
60 S	4-Bromofluorobenzene	30.000	30.189	-0.6	102	0.00
61 M	Tetrachloroethene	20.000	20.750	-3.8	106	0.00
62 M	Toluene	20.000	20.747	-3.7	107	0.00
63 S	Toluene-d8	30.000	29.646	1.2	99	0.00
64 M	Chlorobenzene	20.000	21.004	-5.0	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.926	-4.6	109	0.00
66 M	Ethyl Benzene	20.000	20.444	-2.2	107	0.00
67 M	m/p-Xylenes	40.000	40.853	-2.1	107	0.00
68 M	o-Xylene	20.000	20.565	-2.8	107	0.00
69 M	Styrene	20.000	20.565	-2.8	108	0.00
70	Isopropylbenzene	20.000	20.637	-3.2	108	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.009	-5.0	107	0.00
72	1,2,3-Trichloropropane	20.000	20.779	-3.9	105	0.00
73	Bromobenzene	20.000	21.108	-5.5	110	0.00
74	n-propylbenzene	20.000	20.442	-2.2	107	0.00
75	2-Chlorotoluene	20.000	20.757	-3.8	108	0.00
76	1,3,5-Trimethylbenzene	20.000	20.324	-1.6	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.130	-0.6	114	0.00
78	4-Chlorotoluene	20.000	20.759	-3.8	110	0.00
79	tert-butylbenzene	20.000	20.031	-0.2	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.584	-2.9	107	0.00
81	sec-Butylbenzene	20.000	20.473	-2.4	107	0.00
82	p-Isopropyltoluene	20.000	20.031	-0.2	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.502	-2.5	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.780	-3.9	108	0.00
85	n-Butylbenzene	20.000	19.768	1.2	108	0.00
86 T	Hexachloroethane	20.000	19.389	3.1	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.693	-3.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.453	-2.3	111	0.00
89	1,2,4-Trichlorobenzene	20.000	21.094	-5.5	114	0.00
90	Hexachlorobutadiene	20.000	20.895	-4.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	21.364	-6.8	113	0.00
92	1,2,3-Trichlorobenzene	20.000	21.045	-5.2	113	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0