

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX072718\
 Data File : VX003718.D
 Acq On : 27 Jul 2018 15:58
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072718

Quant Time: Jul 28 02:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 M	Dichlorodifluoromethane	1.585	1.744	-10.0	117	0.00
3 M	Chloromethane	2.133	2.316	-8.6	115	0.00
4 M	Vinyl Chloride	2.243	2.450	-9.2	116	0.00
5 M	Bromomethane	1.341	1.704	-27.1	143	0.00
6 M	Chloroethane	1.468	1.576	-7.4	113	0.00
7 M	Trichlorofluoromethane	3.017	3.317	-9.9	118	0.00
8 T	Diethyl Ether	1.293	1.445	-11.8	120	0.00
9	1,1,2-Trichlorotrifluoroeth	1.829	2.107	-15.2	122	0.00
10 M	1,1-Dichloroethene	1.720	1.951	-13.4	121	0.00
11	Methyl Iodide	2.384	2.424	-1.7	110	0.00
12	Methyl Acetate	3.182	3.554	-11.7	115	0.00
13 M	Acrolein	0.248	0.251	-1.2	95	0.00
14 M	Acrylonitrile	1.254	1.365	-8.9	114	0.00
15 M	Acetone	0.340	0.367	-7.9	113	0.00
16 M	Carbon Disulfide	4.776	5.570	-16.6	126	0.00
17	Allyl chloride	3.560	3.917	-10.0	117	0.00
18 M	Methylene Chloride	2.037	2.276	-11.7	117	0.00
19 M	trans-1,2-Dichloroethene	1.859	2.107	-13.3	119	0.00
20 T	Diisopropyl ether	6.537	7.346	-12.4	116	0.00
21 M	1,1-Dichloroethane	3.701	4.026	-8.8	115	0.00
22 M	cis-1,2-Dichloroethene	1.877	1.989	-6.0	105	0.00
23 M	tert-Butyl Alcohol	0.527	0.567	-7.6	111	0.00
24 M	Methyl tert-Butyl Ether	6.169	6.928	-12.3	120	0.00
25 M	Chloroform	3.205	3.275	-2.2	100	0.00
26	Cyclohexane	2.780	2.892	-4.0	105	0.00
27 s	1,2-Dichloroethane-d4	2.202	2.212	-0.5	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.443	0.462	-4.3	108	0.00
30 M	2-Butanone	0.283	0.282	0.4	98	0.00
31	2,2-Dichloropropane	0.429	0.492	-14.7	116	0.00
32 M	1,1,1-Trichloroethane	0.507	0.512	-1.0	104	0.00
33 M	Carbon Tetrachloride	0.440	0.431	2.0	99	0.00
34 M	Benzene	1.361	1.347	1.0	100	0.00
35	Methacrylonitrile	0.294	0.294	0.0	102	0.00
36 M	1,2-Dichloroethane	0.489	0.481	1.6	101	0.00
37 M	Trichloroethene	0.355	0.389	-9.6	112	0.00
38	Methylcyclohexane	0.503	0.531	-5.6	111	0.00
39 M	1,2-Dichloropropane	0.360	0.353	1.9	100	0.00
40	Dibromomethane	0.233	0.229	1.7	100	0.00
41 M	Bromodichloromethane	0.445	0.423	4.9	100	0.00
42 M	Vinyl Acetate	1.087	1.162	-6.9	118	0.00
43	Ethyl Acetate	0.528	0.532	-0.8	101	0.00
44	Isopropyl Acetate	0.811	0.806	0.6	103	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.418	0.412	1.4	102	0.00
47	n-amyl Acetate	0.765	0.745	2.6	109	0.00
48 M	t-1,3-Dichloropropene	0.540	0.552	-2.2	108	0.00
49 T	cis-1,3-Dichloropropene	0.506	0.480	5.1	107	0.00
50 M	1,1,2-Trichloroethane	0.370	0.341	7.8	99	0.00
51	Ethyl methacrylate	0.556	0.510	8.3	103	0.00
52	1,3-Dichloropropane	0.615	0.592	3.7	104	0.00
53 M	Dibromochloromethane	0.363	0.331	8.8	102	0.00
54 M	1,2-Dibromoethane	0.386	0.353	8.5	100	0.00
55 M	2-Chloroethyl vinyl ether	0.287	0.245	14.6	91	0.00
56 M	Bromoform	0.282	0.244	13.5	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	0.566	0.559	1.2	104	0.00
59 M	2-Hexanone	0.451	0.414	8.2	101	0.00
60 S	4-Bromofluorobenzene	0.483	0.465	3.7	109	0.00
61 M	Tetrachloroethene	0.349	0.314	10.0	104	0.00
62 M	Toluene	1.557	1.464	6.0	102	0.00
63 S	Toluene-d8	1.351	1.247	7.7	99	0.00
64 M	Chlorobenzene	1.006	0.985	2.1	109	0.00
65	1,1,1,2-Tetrachloroethane	0.356	0.325	8.7	102	0.00
66 M	Ethyl Benzene	1.713	1.630	4.8	107	0.00
67 M	m/p-Xylenes	0.660	0.622	5.8	105	0.00
68 M	o-Xylene	0.631	0.589	6.7	105	0.00
69 M	Styrene	1.069	1.001	6.4	105	0.00
70	Isopropylbenzene	1.738	1.685	3.0	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.621	0.568	8.5	104	0.00
72	1,2,3-Trichloropropane	0.516	0.603	-16.9	131	0.00
73	Bromobenzene	0.468	0.427	8.8	106	0.00
74	n-propylbenzene	2.048	2.162	-5.6	120	0.00
75	2-Chlorotoluene	1.207	1.251	-3.6	117	0.00
76	1,3,5-Trimethylbenzene	1.475	1.499	-1.6	116	0.00
77	t-1,4-Dichloro-2-butene	0.176	0.160	9.1	109	0.00
78	4-Chlorotoluene	1.412	1.462	-3.5	118	0.00
79	tert-butylbenzene	1.518	1.572	-3.6	118	0.00
80	1,2,4-Trimethylbenzene	1.510	1.457	3.5	110	0.00
81	sec-Butylbenzene	1.718	1.690	1.6	113	0.00
82	p-Isopropyltoluene	1.518	1.572	-3.6	118	0.00
83 M	1,3-Dichlorobenzene	0.856	0.878	-2.6	117	0.00
84 M	1,4-Dichlorobenzene	0.861	0.872	-1.3	115	0.00
85	n-Butylbenzene	1.347	1.431	-6.2	126	0.00
86 T	Hexachloroethane	0.245	0.244	0.4	117	0.00
87 M	1,2-Dichlorobenzene	0.859	0.882	-2.7	117	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.126	3.8	114	0.00
89	1,2,4-Trichlorobenzene	0.603	0.569	5.6	111	0.00
90	Hexachlorobutadiene	0.273	0.272	0.4	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.843	1.687	8.5	105	0.00
92	1,2,3-Trichlorobenzene	0.614	0.573	6.7	105	0.00

(#) = Out of Range

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