

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007454.D
 Acq On : 08 Feb 2019 20:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 08 23:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	99	0.00
2 T	Dichlorodifluoromethane	0.557	0.560	-0.5	88	0.00
3 P	Chloromethane	0.563	0.503	10.7	90	0.00
4 C	Vinyl Chloride	0.552	0.543	1.6#	94	0.00
5 T	Bromomethane	0.629	0.462	26.6#	82	0.00
6 T	Chloroethane	0.357	0.332	7.0	96	0.00
7 T	Trichlorofluoromethane	0.864	0.830	3.9	97	0.00
8 T	Diethyl Ether	0.325	0.308	5.2	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.471	8.4	95	0.00
10 T	Methyl Iodide	0.756	0.601	20.5#	76	0.00
11 T	Tert butyl alcohol	0.110	0.106	3.6	105	0.00
12 CM	1,1-Dichloroethene	0.477	0.437	8.4#	96	0.00
13 T	Acrolein	0.052	0.050	3.8	95	0.00
14 T	Allyl chloride	0.778	0.753	3.2	98	0.00
15 T	Acrylonitrile	0.272	0.269	1.1	107	0.00
16 T	Acetone	0.243	0.231	4.9	101	0.00
17 T	Carbon Disulfide	1.260	1.102	12.5	93	0.00
18 T	Methyl Acetate	0.688	0.706	-2.6	114	0.00
19 T	Methyl tert-butyl Ether	1.547	1.496	3.3	102	0.00
20 T	Methylene Chloride	0.550	0.487	11.5	98	0.00
21 T	trans-1,2-Dichloroethene	0.509	0.466	8.4	97	0.00
22 T	Diisopropyl ether	1.431	1.405	1.8	101	0.00
23 T	Vinyl Acetate	1.187	1.176	0.9	99	0.00
24 P	1,1-Dichloroethane	0.822	0.783	4.7	98	0.00
25 T	2-Butanone	0.346	0.343	0.9	105	0.00
26 T	2,2-Dichloropropane	0.626	0.547	12.6	87	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.514	7.4	99	0.00
28 T	Bromochloromethane	0.378	0.357	5.6	94	0.00
29 T	Tetrahydrofuran	0.218	0.224	-2.8	108	0.00
30 C	Chloroform	0.857	0.835	2.6#	101	0.00
31 T	Cyclohexane	0.738	0.669	9.3	93	0.00
32 T	1,1,1-Trichloroethane	0.724	0.722	0.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.517	2.6	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.325	0.316	2.8	100	0.00
36 T	1,1-Dichloropropene	0.449	0.398	11.4	96	0.00
37 T	Ethyl Acetate	0.453	0.434	4.2	105	0.00
38 T	Carbon Tetrachloride	0.435	0.413	5.1	96	0.00
39 T	Methylcyclohexane	0.543	0.486	10.5	93	0.00
40 TM	Benzene	1.321	1.239	6.2	100	0.00
41 T	Methacrylonitrile	0.243	0.243	0.0	105	0.00
42 TM	1,2-Dichloroethane	0.457	0.414	9.4	98	0.00
43 T	Isopropyl Acetate	0.700	0.701	-0.1	104	0.00
44 TM	Trichloroethene	0.398	0.357	10.3	95	0.00
45 C	1,2-Dichloropropane	0.331	0.312	5.7#	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.241	0.224	7.1	102	0.00
47 T	Bromodichloromethane	0.408	0.398	2.5	101	0.00
48 T	Methyl methacrylate	0.350	0.354	-1.1	102	0.00
49 T	1,4-Dioxane	0.009	0.007	22.2#	97	0.00
50 S	Toluene-d8	1.207	1.174	2.7	99	0.00
51 T	4-Methyl-2-Pentanone	0.461	0.452	2.0	101	0.00
52 CM	Toluene	0.853	0.789	7.5#	97	0.00
53 T	t-1,3-Dichloropropene	0.438	0.433	1.1	96	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.475	1.5	97	0.00
55 T	1,1,2-Trichloroethane	0.355	0.335	5.6	102	0.00
56 T	Ethyl methacrylate	0.492	0.487	1.0	100	0.00
57 T	1,3-Dichloropropane	0.565	0.531	6.0	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.257	0.8	99	0.00
59 T	2-Hexanone	0.359	0.343	4.5	101	0.00
60 T	Dibromochloromethane	0.336	0.351	-4.5	100	0.00
61 T	1,2-Dibromoethane	0.376	0.361	4.0	100	0.00
62 S	4-Bromofluorobenzene	0.441	0.418	5.2	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.471	0.404	14.2	91	0.00
65 PM	Chlorobenzene	1.091	1.003	8.1	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.367	-0.3	99	0.00
67 C	Ethyl Benzene	1.757	1.661	5.5#	96	0.00
68 T	m/p-Xylenes	0.698	0.651	6.7	94	0.00
69 T	o-Xylene	0.672	0.645	4.0	96	0.00
70 T	Styrene	1.090	1.040	4.6	95	0.00
71 P	Bromoform	0.283	0.291	-2.8	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.398	3.283	3.4	95	0.00
74 T	N-amyl acetate	1.314	1.312	0.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.036	1.034	0.2	102	0.00
76 T	1,2,3-Trichloropropane	0.973	0.987	-1.4	99	0.00
77 T	Bromobenzene	0.957	0.896	6.4	94	0.00
78 T	n-propylbenzene	3.726	3.699	0.7	94	0.00
79 T	2-Chlorotoluene	2.261	2.153	4.8	94	0.00
80 T	1,3,5-Trimethylbenzene	2.780	2.700	2.9	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.280	0.286	-2.1	94	0.00
82 T	4-Chlorotoluene	2.616	2.499	4.5	92	0.00
83 T	tert-Butylbenzene	2.752	2.668	3.1	95	0.00
84 T	1,2,4-Trimethylbenzene	2.822	2.752	2.5	93	0.00
85 T	sec-Butylbenzene	3.331	3.290	1.2	93	0.00
86 T	p-Isopropyltoluene	3.007	2.930	2.6	92	0.00
87 T	1,3-Dichlorobenzene	1.718	1.573	8.4	92	0.00
88 T	1,4-Dichlorobenzene	1.743	1.577	9.5	92	0.00
89 T	n-Butylbenzene	2.587	2.505	3.2	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.450	0.478	-6.2	98	0.00
91 T	1,2-Dichlorobenzene	1.710	1.567	8.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.215	0.217	-0.9	101	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.091	5.4	93	0.00
94 T	Hexachlorobutadiene	0.560	0.513	8.4	92	0.00
95 T	Naphthalene	3.372	3.369	0.1	98	0.00
96 T	1,2,3-Trichlorobenzene	1.161	1.066	8.2	92	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6