

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010868.D
 Acq On : 13 Jul 2019 04:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 09:13:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2 T	Dichlorodifluoromethane	0.348	0.321	7.8	81	0.00
3 P	Chloromethane	0.405	0.354	12.6	77	0.00
4 C	Vinyl Chloride	0.443	0.380	14.2#	77	0.00
5 T	Bromomethane	0.216	0.189	12.5	79	0.00
6 T	Chloroethane	0.262	0.242	7.6	81	0.00
7 T	Trichlorofluoromethane	0.703	0.659	6.3	81	0.00
8 T	Diethyl Ether	0.252	0.238	5.6	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.363	14.8	75	0.00
10 T	Methyl Iodide	0.608	0.460	24.3#	62	0.00
11 T	Tert butyl alcohol	0.123	0.107	13.0	78	0.00
12 CM	1,1-Dichloroethene	0.433	0.375	13.4#	75	0.00
13 T	Acrolein	0.081	0.070	13.6	77	0.00
14 T	Allyl chloride	0.615	0.546	11.2	75	0.00
15 T	Acrylonitrile	0.243	0.227	6.6	80	0.00
16 T	Acetone	0.235	0.191	18.7	66	0.00
17 T	Carbon Disulfide	1.163	0.886	23.8#	66	0.00
18 T	Methyl Acetate	0.468	0.355	24.1#	66	0.00
19 T	Methyl tert-butyl Ether	1.363	1.285	5.7	81	0.00
20 T	Methylene Chloride	0.484	0.438	9.5	79	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.403	13.5	76	0.00
22 T	Diisopropyl ether	1.286	1.207	6.1	81	0.00
23 T	Vinyl Acetate	1.111	0.817	26.5#	61	0.00
24 P	1,1-Dichloroethane	0.744	0.692	7.0	80	0.00
25 T	2-Butanone	0.345	0.310	10.1	75	0.00
26 T	2,2-Dichloropropane	0.646	0.357	44.7#	48#	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.477	11.5	77	0.00
28 T	Bromochloromethane	0.356	0.305	14.3	75	0.00
29 T	Tetrahydrofuran	0.213	0.201	5.6	80	0.00
30 C	Chloroform	0.800	0.744	7.0#	81	0.00
31 T	Cyclohexane	0.677	0.592	12.6	75	0.00
32 T	1,1,1-Trichloroethane	0.706	0.643	8.9	78	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.431	8.1	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.306	0.263	14.1	74	0.00
36 T	1,1-Dichloropropene	0.397	0.343	13.6	78	0.00
37 T	Ethyl Acetate	0.409	0.304	25.7#	64	0.00
38 T	Carbon Tetrachloride	0.430	0.359	16.5	73	0.00
39 T	Methylcyclohexane	0.522	0.409	21.6#	70	0.00
40 TM	Benzene	1.238	1.077	13.0	77	0.00
41 T	Methacrylonitrile	0.224	0.212	5.4	83	0.00
42 TM	1,2-Dichloroethane	0.377	0.372	1.3	86	0.00
43 T	Isopropyl Acetate	0.676	0.536	20.7#	69	0.00
44 TM	Trichloroethene	0.370	0.311	15.9	75	0.00
45 C	1,2-Dichloropropane	0.313	0.275	12.1#	78	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.224	0.200	10.7	79	0.00
47 T	Bromodichloromethane	0.411	0.363	11.7	76	0.00
48 T	Methyl methacrylate	0.314	0.301	4.1	82	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	80	0.00
50 S	Toluene-d8	1.170	0.942	19.5	69	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.408	5.8	82	0.00
52 CM	Toluene	0.815	0.697	14.5#	75	0.00
53 T	t-1,3-Dichloropropene	0.461	0.363	21.3#	68	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.404	19.4	69	0.00
55 T	1,1,2-Trichloroethane	0.336	0.297	11.6	77	0.00
56 T	Ethyl methacrylate	0.509	0.459	9.8	77	0.00
57 T	1,3-Dichloropropane	0.522	0.473	9.4	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.000	100.0#	0#	-0.01
59 T	2-Hexanone	0.340	0.318	6.5	80	0.00
60 T	Dibromochloromethane	0.376	0.313	16.8	71	0.00
61 T	1,2-Dibromoethane	0.363	0.320	11.8	77	0.00
62 S	4-Bromofluorobenzene	0.423	0.364	13.9	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.404	0.306	24.3#	70	0.00
65 PM	Chlorobenzene	1.015	0.860	15.3	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.315	14.9	74	0.00
67 C	Ethyl Benzene	1.714	1.498	12.6#	77	0.00
68 T	m/p-Xylenes	0.664	0.570	14.2	76	0.00
69 T	o-Xylene	0.653	0.566	13.3	77	0.00
70 T	Styrene	1.095	0.966	11.8	77	0.00
71 P	Bromoform	0.322	0.259	19.6	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.389	2.902	14.4	78	0.00
74 T	N-amyl acetate	1.281	0.935	27.0#	63	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	0.980	12.7	78	0.00
76 T	1,2,3-Trichloropropane	0.911	0.815	10.5	80	0.00
77 T	Bromobenzene	0.946	0.798	15.6	77	0.00
78 T	n-propylbenzene	3.725	3.260	12.5	78	0.00
79 T	2-Chlorotoluene	2.218	1.945	12.3	79	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.454	12.2	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.248	36.6#	55	0.00
82 T	4-Chlorotoluene	2.524	2.252	10.8	79	0.00
83 T	tert-Butylbenzene	2.804	2.435	13.2	78	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.487	11.4	78	0.00
85 T	sec-Butylbenzene	3.293	2.848	13.5	77	0.00
86 T	p-Isopropyltoluene	3.046	2.612	14.2	76	0.00
87 T	1,3-Dichlorobenzene	1.652	1.391	15.8	77	0.00
88 T	1,4-Dichlorobenzene	1.682	1.380	18.0	76	0.00
89 T	n-Butylbenzene	2.588	2.181	15.7	73	0.00

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90 T	Hexachloroethane	0.527	0.414	21.4#	67	0.00
91 T	1,2-Dichlorobenzene	1.642	1.382	15.8	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.205	15.3	78	0.00
93 T	1,2,4-Trichlorobenzene	1.139	0.927	18.6	73	0.00
94 T	Hexachlorobutadiene	0.556	0.432	22.3#	70	0.00
95 T	Naphthalene	3.499	2.920	16.5	73	0.00
96 T	1,2,3-Trichlorobenzene	1.132	0.941	16.9	74	0.00

(#) = Out of Range

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