

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010683.D
 Acq On : 04 Jul 2019 11:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 05 04:46:02 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	48#	0.00
2 T	Dichlorodifluoromethane	0.348	0.227	34.8#	33#	0.00
3 P	Chloromethane	0.405	0.549	-35.6#	68	0.00
4 C	Vinyl Chloride	0.443	0.454	-2.5#	53	0.00
5 T	Bromomethane	0.216	0.311	-44.0#	75	0.00
6 T	Chloroethane	0.262	0.356	-35.9#	68	0.00
7 T	Trichlorofluoromethane	0.703	0.537	23.6#	38#	0.00
8 T	Diethyl Ether	0.252	0.414	-64.3#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.426	0.264	38.0#	31#	0.00
10 T	Methyl Iodide	0.608	0.719	-18.3	55	0.00
11 T	Tert butyl alcohol	0.123	0.203	-65.0#	85	0.00
12 CM	1,1-Dichloroethene	0.433	0.420	3.0#	48#	0.00
13 T	Acrolein	0.081	0.113	-39.5#	72	0.00
14 T	Allyl chloride	0.615	0.802	-30.4#	63	0.00
15 T	Acrylonitrile	0.243	0.407	-67.5#	82	0.00
16 T	Acetone	0.235	0.343	-46.0#	68	0.00
17 T	Carbon Disulfide	1.163	1.117	4.0	48#	0.00
18 T	Methyl Acetate	0.468	0.861	-84.0#	92	0.00
19 T	Methyl tert-butyl Ether	1.363	2.233	-63.8#	81	0.00
20 T	Methylene Chloride	0.484	0.730	-50.8#	76	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.555	-19.1	60	0.00
22 T	Diisopropyl ether	1.286	2.010	-56.3#	78	0.00
23 T	Vinyl Acetate	1.111	1.768	-59.1#	76	0.00
24 P	1,1-Dichloroethane	0.744	1.042	-40.1#	69	0.00
25 T	2-Butanone	0.345	0.561	-62.6#	78	0.00
26 T	2,2-Dichloropropane	0.646	0.349	46.0#	27#	0.00
27 T	cis-1,2-Dichloroethene	0.539	0.749	-39.0#	69	0.00
28 T	Bromochloromethane	0.356	0.510	-43.3#	72	0.00
29 T	Tetrahydrofuran	0.213	0.361	-69.5#	83	0.00
30 C	Chloroform	0.800	1.150	-43.7#	72	0.00
31 T	Cyclohexane	0.677	0.448	33.8#	33#	0.00
32 T	1,1,1-Trichloroethane	0.706	0.765	-8.4	53	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.735	-56.7#	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.306	0.347	-13.4	68	0.00
36 T	1,1-Dichloropropene	0.397	0.302	23.9#	48#	0.00
37 T	Ethyl Acetate	0.409	0.554	-35.5#	81	0.00
38 T	Carbon Tetrachloride	0.430	0.297	30.9#	42#	0.00
39 T	Methylcyclohexane	0.522	0.248	52.5#	30#	0.00
40 TM	Benzene	1.238	1.303	-5.3	65	0.00
41 T	Methacrylonitrile	0.224	0.304	-35.7#	83	0.00
42 TM	1,2-Dichloroethane	0.377	0.509	-35.0#	82	0.00
43 T	Isopropyl Acetate	0.676	0.901	-33.3#	81	0.00
44 TM	Trichloroethene	0.370	0.329	11.1	55	0.00
45 C	1,2-Dichloropropane	0.313	0.358	-14.4#	71	0.00

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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)
46 T	Dibromomethane	0.224	0.284	-26.8#	78	0.00
47 T	Bromodichloromethane	0.411	0.482	-17.3	71	0.00
48 T	Methyl methacrylate	0.314	0.426	-35.7#	81	0.00
49 T	1,4-Dioxane	0.009	0.012	-33.3#	80	0.00
50 S	Toluene-d8	1.170	1.093	6.6	56	0.00
51 T	4-Methyl-2-Pentanone	0.433	0.594	-37.2#	83	0.00
52 CM	Toluene	0.815	0.792	2.8#	60	0.00
53 T	t-1,3-Dichloropropene	0.461	0.483	-4.8	63	0.00
54 T	cis-1,3-Dichloropropene	0.501	0.525	-4.8	63	0.00
55 T	1,1,2-Trichloroethane	0.336	0.419	-24.7#	76	0.00
56 T	Ethyl methacrylate	0.509	0.648	-27.3#	76	0.00
57 T	1,3-Dichloropropane	0.522	0.650	-24.5#	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.242	0.284	-17.4	70	0.00
59 T	2-Hexanone	0.340	0.451	-32.6#	79	0.00
60 T	Dibromochloromethane	0.376	0.440	-17.0	70	0.00
61 T	1,2-Dibromoethane	0.363	0.449	-23.7#	76	0.00
62 S	4-Bromofluorobenzene	0.423	0.426	-0.7	60	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.404	0.302	25.2#	49#	0.00
65 PM	Chlorobenzene	1.015	0.989	2.6	62	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.397	-7.3	66	0.00
67 C	Ethyl Benzene	1.714	1.480	13.7#	54	0.00
68 T	m/p-Xylenes	0.664	0.571	14.0	54	0.00
69 T	o-Xylene	0.653	0.610	6.6	59	0.00
70 T	Styrene	1.095	1.093	0.2	62	0.00
71 P	Bromoform	0.322	0.353	-9.6	65	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	3.389	2.708	20.1#	49#	0.00
74 T	N-amyl acetate	1.281	1.659	-29.5#	76	0.00
75 P	1,1,2,2-Tetrachloroethane	1.122	1.397	-24.5#	76	0.00
76 T	1,2,3-Trichloropropane	0.911	1.151	-26.3#	76	0.00
77 T	Bromobenzene	0.946	0.990	-4.7	65	0.00
78 T	n-propylbenzene	3.725	2.876	22.8#	46#	0.00
79 T	2-Chlorotoluene	2.218	2.029	8.5	56	0.00
80 T	1,3,5-Trimethylbenzene	2.794	2.396	14.2	51	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.336	14.1	51	0.00
82 T	4-Chlorotoluene	2.524	2.368	6.2	56	0.00
83 T	tert-Butylbenzene	2.804	2.208	21.3#	48#	0.00
84 T	1,2,4-Trimethylbenzene	2.807	2.552	9.1	54	0.00
85 T	sec-Butylbenzene	3.293	2.306	30.0#	42#	0.00
86 T	p-Isopropyltoluene	3.046	2.247	26.2#	44#	0.00
87 T	1,3-Dichlorobenzene	1.652	1.566	5.2	59	0.00
88 T	1,4-Dichlorobenzene	1.682	1.580	6.1	59	0.00
89 T	n-Butylbenzene	2.588	1.746	32.5#	40#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.527	0.379	28.1#	42#	0.00
91 T	1,2-Dichlorobenzene	1.642	1.675	-2.0	63	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.292	-20.7#	76	0.00
93 T	1,2,4-Trichlorobenzene	1.139	1.104	3.1	59	0.00
94 T	Hexachlorobutadiene	0.556	0.328	41.0#	36#	0.00
95 T	Naphthalene	3.499	4.103	-17.3	70	0.00
96 T	1,2,3-Trichlorobenzene	1.132	1.169	-3.3	62	0.00

(#) = Out of Range

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