

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090619\
 Data File : VX012167.D
 Acq On : 07 Sep 2019 00:03
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 07 03:28:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 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	69	0.00
2 T	Dichlorodifluoromethane	0.461	0.449	2.6	73	0.00
3 P	Chloromethane	0.472	0.548	-16.1	85	0.00
4 C	Vinyl Chloride	0.444	0.497	-11.9#	81	0.00
5 T	Bromomethane	0.220	0.263	-19.5	87	0.00
6 T	Chloroethane	0.276	0.334	-21.0#	88	0.00
7 T	Trichlorofluoromethane	0.690	0.754	-9.3	79	0.00
8 T	Diethyl Ether	0.238	0.296	-24.4#	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.511	0.0	72	0.00
10 T	Methyl Iodide	0.414	0.387	6.5	59	0.00
11 T	Tert butyl alcohol	0.066	0.079	-19.7	91	0.00
12 CM	1,1-Dichloroethene	0.492	0.520	-5.7#	76	0.00
13 T	Acrolein	0.021	0.018	14.3	75	0.00
14 T	Allyl chloride	0.891	1.013	-13.7	80	0.00
15 T	Acrylonitrile	0.150	0.179	-19.3	87	0.00
16 T	Acetone	0.165	0.162	1.8	72	0.00
17 T	Carbon Disulfide	1.439	1.572	-9.2	72	0.00
18 T	Methyl Acetate	0.388	0.495	-27.6#	98	0.00
19 T	Methyl tert-butyl Ether	1.603	1.899	-18.5	86	0.00
20 T	Methylene Chloride	0.662	0.718	-8.5	84	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.641	-10.9	78	0.00
22 T	Diisopropyl ether	1.816	2.160	-18.9	87	0.00
23 T	Vinyl Acetate	1.175	1.383	-17.7	82	0.00
24 P	1,1-Dichloroethane	1.053	1.207	-14.6	83	0.00
25 T	2-Butanone	0.210	0.243	-15.7	82	0.00
26 T	2,2-Dichloropropane	0.972	0.913	6.1	69	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.771	-13.9	82	0.00
28 T	Bromochloromethane	0.420	0.516	-22.9#	85	0.00
29 T	Tetrahydrofuran	0.126	0.158	-25.4#	91	0.00
30 C	Chloroform	1.130	1.305	-15.5#	85	0.00
31 T	Cyclohexane	0.846	0.843	0.4	72	0.00
32 T	1,1,1-Trichloroethane	0.984	1.101	-11.9	80	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.831	-20.4#	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.307	0.334	-8.8	80	0.00
36 T	1,1-Dichloropropene	0.440	0.451	-2.5	77	0.00
37 T	Ethyl Acetate	0.239	0.286	-19.7	89	0.00
38 T	Carbon Tetrachloride	0.464	0.472	-1.7	78	0.00
39 T	Methylcyclohexane	0.511	0.468	8.4	71	0.00
40 TM	Benzene	1.264	1.356	-7.3	81	0.00
41 T	Methacrylonitrile	0.143	0.168	-17.5	89	0.00
42 TM	1,2-Dichloroethane	0.455	0.537	-18.0	89	0.00
43 T	Isopropyl Acetate	0.487	0.568	-16.6	89	0.00
44 TM	Trichloroethene	0.341	0.353	-3.5	79	0.00
45 C	1,2-Dichloropropane	0.327	0.357	-9.2#	84	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	0.191	0.216	-13.1	87	0.00
47 T	Bromodichloromethane	0.485	0.532	-9.7	83	0.00
48 T	Methyl methacrylate	0.245	0.287	-17.1	88	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	92	0.00
50 S	Toluene-d8	1.128	1.210	-7.3	77	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.291	-17.3	90	0.00
52 CM	Toluene	0.823	0.878	-6.7#	81	0.00
53 T	t-1,3-Dichloropropene	0.502	0.519	-3.4	79	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.582	-4.3	79	0.00
55 T	1,1,2-Trichloroethane	0.273	0.299	-9.5	84	0.00
56 T	Ethyl methacrylate	0.390	0.430	-10.3	84	0.00
57 T	1,3-Dichloropropane	0.470	0.529	-12.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.177	-0.6	73	0.00
59 T	2-Hexanone	0.181	0.205	-13.3	87	0.00
60 T	Dibromochloromethane	0.325	0.349	-7.4	82	0.00
61 T	1,2-Dibromoethane	0.263	0.299	-13.7	86	0.00
62 S	4-Bromofluorobenzene	0.525	0.537	-2.3	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.312	0.354	-13.5	90	0.00
65 PM	Chlorobenzene	0.987	1.027	-4.1	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.387	-7.2	86	0.00
67 C	Ethyl Benzene	1.798	1.850	-2.9#	81	0.00
68 T	m/p-Xylenes	0.663	0.674	-1.7	79	0.00
69 T	o-Xylene	0.642	0.664	-3.4	81	0.00
70 T	Styrene	1.116	1.169	-4.7	81	0.00
71 P	Bromoform	0.198	0.207	-4.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.669	3.673	-0.1	81	0.00
74 T	N-amyl acetate	1.085	1.162	-7.1	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.805	-5.2	86	0.00
76 T	1,2,3-Trichloropropane	0.611	0.619	-1.3	84	0.00
77 T	Bromobenzene	0.820	0.838	-2.2	82	0.00
78 T	n-propylbenzene	4.432	4.299	3.0	79	0.00
79 T	2-Chlorotoluene	2.685	2.746	-2.3	84	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.224	-0.3	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.224	13.2	72	0.00
82 T	4-Chlorotoluene	3.200	3.305	-3.3	83	0.00
83 T	tert-Butylbenzene	3.064	3.029	1.1	81	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.404	-3.0	83	0.00
85 T	sec-Butylbenzene	3.806	3.682	3.3	79	0.00
86 T	p-Isopropyltoluene	3.461	3.440	0.6	82	0.00
87 T	1,3-Dichlorobenzene	1.644	1.696	-3.2	86	0.00
88 T	1,4-Dichlorobenzene	1.644	1.649	-0.3	82	0.00
89 T	n-Butylbenzene	3.362	3.231	3.9	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.651	5.8	79	0.00
91 T	1,2-Dichlorobenzene	1.481	1.567	-5.8	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.166	-3.8	83	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.034	1.9	81	0.00
94 T	Hexachlorobutadiene	0.531	0.526	0.9	82	0.00
95 T	Naphthalene	2.281	2.401	-5.3	84	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.937	-1.1	82	0.00

(#) = Out of Range

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