

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090719\
 Data File : VX012169.D
 Acq On : 07 Sep 2019 09:37
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 07:58:45 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	101	0.00
2 T	Dichlorodifluoromethane	0.461	0.437	5.2	104	0.00
3 P	Chloromethane	0.472	0.472	0.0	107	0.00
4 C	Vinyl Chloride	0.444	0.447	-0.7#	107	0.00
5 T	Bromomethane	0.220	0.237	-7.7	116	0.00
6 T	Chloroethane	0.276	0.296	-7.2	115	0.00
7 T	Trichlorofluoromethane	0.690	0.743	-7.7	114	0.00
8 T	Diethyl Ether	0.238	0.241	-1.3	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.419	18.0	87	0.00
10 T	Methyl Iodide	0.414	0.414	0.0	93	0.00
11 T	Tert butyl alcohol	0.066	0.049	25.8#	85	0.00
12 CM	1,1-Dichloroethene	0.492	0.395	19.7#	84	0.00
13 T	Acrolein	0.021	0.014	33.3#	87	0.00
14 T	Allyl chloride	0.891	0.902	-1.2	106	0.00
15 T	Acrylonitrile	0.150	0.129	14.0	93	0.00
16 T	Acetone	0.165	0.177	-7.3	115	0.00
17 T	Carbon Disulfide	1.439	1.460	-1.5	99	0.00
18 T	Methyl Acetate	0.388	0.338	12.9	98	0.00
19 T	Methyl tert-butyl Ether	1.603	1.465	8.6	98	0.00
20 T	Methylene Chloride	0.662	0.570	13.9	98	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.574	0.7	103	0.00
22 T	Diisopropyl ether	1.816	1.771	2.5	105	0.00
23 T	Vinyl Acetate	1.175	1.114	5.2	97	0.00
24 P	1,1-Dichloroethane	1.053	1.043	0.9	106	0.00
25 T	2-Butanone	0.210	0.205	2.4	102	0.00
26 T	2,2-Dichloropropane	0.972	0.994	-2.3	111	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.640	5.5	101	0.00
28 T	Bromochloromethane	0.420	0.392	6.7	95	0.00
29 T	Tetrahydrofuran	0.126	0.109	13.5	92	0.00
30 C	Chloroform	1.130	1.101	2.6#	105	0.00
31 T	Cyclohexane	0.846	0.809	4.4	102	0.00
32 T	1,1,1-Trichloroethane	0.984	1.005	-2.1	108	0.00
33 S	1,2-Dichloroethane-d4	0.690	0.717	-3.9	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.307	0.323	-5.2	106	0.00
36 T	1,1-Dichloropropene	0.440	0.441	-0.2	103	0.00
37 T	Ethyl Acetate	0.239	0.215	10.0	92	0.00
38 T	Carbon Tetrachloride	0.464	0.475	-2.4	108	0.00
39 T	Methylcyclohexane	0.511	0.481	5.9	100	0.00
40 TM	Benzene	1.264	1.243	1.7	102	0.00
41 T	Methacrylonitrile	0.143	0.130	9.1	95	0.00
42 TM	1,2-Dichloroethane	0.455	0.451	0.9	103	0.00
43 T	Isopropyl Acetate	0.487	0.438	10.1	94	0.00
44 TM	Trichloroethene	0.341	0.334	2.1	102	0.00
45 C	1,2-Dichloropropane	0.327	0.314	4.0#	101	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	0.178	6.8	98	0.00
47 T	Bromodichloromethane	0.485	0.474	2.3	102	0.00
48 T	Methyl methacrylate	0.245	0.222	9.4	94	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	84	0.00
50 S	Toluene-d8	1.128	1.213	-7.5	105	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.220	11.3	93	0.00
52 CM	Toluene	0.823	0.798	3.0#	101	0.00
53 T	t-1,3-Dichloropropene	0.502	0.469	6.6	98	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.538	3.6	101	0.00
55 T	1,1,2-Trichloroethane	0.273	0.250	8.4	96	0.00
56 T	Ethyl methacrylate	0.390	0.353	9.5	95	0.00
57 T	1,3-Dichloropropane	0.470	0.433	7.9	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.155	11.9	88	0.00
59 T	2-Hexanone	0.181	0.173	4.4	101	0.00
60 T	Dibromochloromethane	0.325	0.304	6.5	98	0.00
61 T	1,2-Dibromoethane	0.263	0.243	7.6	96	0.00
62 S	4-Bromofluorobenzene	0.525	0.519	1.1	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.312	0.320	-2.6	105	0.00
65 PM	Chlorobenzene	0.987	0.977	1.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.367	-1.7	106	0.00
67 C	Ethyl Benzene	1.798	1.835	-2.1#	104	0.00
68 T	m/p-Xylenes	0.663	0.669	-0.9	102	0.00
69 T	o-Xylene	0.642	0.636	0.9	101	0.00
70 T	Styrene	1.116	1.111	0.4	100	0.00
71 P	Bromoform	0.198	0.183	7.6	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.669	3.576	2.5	103	0.00
74 T	N-amyl acetate	1.085	0.977	10.0	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.647	15.4	91	0.00
76 T	1,2,3-Trichloropropane	0.611	0.612	-0.2	109	0.00
77 T	Bromobenzene	0.820	0.781	4.8	100	0.00
78 T	n-propylbenzene	4.432	4.285	3.3	103	0.00
79 T	2-Chlorotoluene	2.685	2.581	3.9	104	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.153	1.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.207	19.8	87	0.00
82 T	4-Chlorotoluene	3.200	3.118	2.6	103	0.00
83 T	tert-Butylbenzene	3.064	3.031	1.1	107	0.00
84 T	1,2,4-Trimethylbenzene	3.304	3.260	1.3	105	0.00
85 T	sec-Butylbenzene	3.806	3.742	1.7	105	0.00
86 T	p-Isopropyltoluene	3.461	3.408	1.5	106	0.00
87 T	1,3-Dichlorobenzene	1.644	1.603	2.5	106	0.00
88 T	1,4-Dichlorobenzene	1.644	1.589	3.3	105	0.00
89 T	n-Butylbenzene	3.362	3.256	3.2	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.691	0.636	8.0	102	0.00
91 T	1,2-Dichlorobenzene	1.481	1.418	4.3	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.137	14.4	90	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.005	4.6	104	0.00
94 T	Hexachlorobutadiene	0.531	0.521	1.9	107	0.00
95 T	Naphthalene	2.281	2.036	10.7	94	0.00
96 T	1,2,3-Trichlorobenzene	0.927	0.889	4.1	103	0.00

(#) = Out of Range

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