

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012920\
 Data File : VY001413.D
 Acq On : 29 Jan 2020 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 15:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	0.394	0.406	-3.0	106	0.00
3 P	Chloromethane	0.596	0.597	-0.2	107	0.00
4 C	Vinyl Chloride	0.621	0.638	-2.7#	106	0.00
5 T	Bromomethane	0.418	0.412	1.4	106	0.00
6 T	Chloroethane	0.397	0.413	-4.0	108	0.00
7 T	Trichlorofluoromethane	0.795	0.855	-7.5	112	0.00
8 T	Diethyl Ether	0.336	0.331	1.5	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.563	-11.3	114	-0.01
10 T	Methyl Iodide	0.668	0.700	-4.8	102	0.00
11 T	Tert butyl alcohol	0.083	0.062	25.3#	98	-0.01
12 CM	1,1-Dichloroethene	0.531	0.563	-6.0#	111	-0.01
13 T	Acrolein	0.045	0.045	0.0	126	0.00
14 T	Allyl chloride	0.947	1.023	-8.0	113	0.00
15 T	Acrylonitrile	0.172	0.171	0.6	104	0.00
16 T	Acetone	0.157	0.169	-7.6	117	0.00
17 T	Carbon Disulfide	1.670	1.663	0.4	105	0.00
18 T	Methyl Acetate	0.459	0.436	5.0	105	-0.01
19 T	Methyl tert-butyl Ether	1.554	1.569	-1.0	106	0.00
20 T	Methylene Chloride	0.838	0.683	18.5	108	-0.01
21 T	trans-1,2-Dichloroethene	0.617	0.632	-2.4	108	0.00
22 T	Diisopropyl ether	2.010	2.123	-5.6	111	0.00
23 T	Vinyl Acetate	1.305	1.346	-3.1	107	0.00
24 P	1,1-Dichloroethane	1.060	1.132	-6.8	112	0.00
25 T	2-Butanone	0.237	0.241	-1.7	108	0.00
26 T	2,2-Dichloropropane	0.944	1.002	-6.1	114	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.725	-5.2	110	0.00
28 T	Bromochloromethane	0.437	0.503	-15.1	115	0.00
29 T	Tetrahydrofuran	0.154	0.149	3.2	102	0.00
30 C	Chloroform	1.039	1.092	-5.1#	112	0.00
31 T	Cyclohexane	1.052	1.078	-2.5	111	0.00
32 T	1,1,1-Trichloroethane	0.877	0.950	-8.3	113	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.566	-4.0	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.293	0.308	-5.1	108	0.00
36 T	1,1-Dichloropropene	0.472	0.508	-7.6	112	0.00
37 T	Ethyl Acetate	0.289	0.289	0.0	104	0.00
38 T	Carbon Tetrachloride	0.421	0.465	-10.5	113	0.00
39 T	Methylcyclohexane	0.605	0.647	-6.9	110	0.00
40 TM	Benzene	1.416	1.504	-6.2	110	0.00
41 T	Methacrylonitrile	0.149	0.148	0.7	109	0.00
42 TM	1,2-Dichloroethane	0.396	0.411	-3.8	107	0.00
43 T	Isopropyl Acetate	0.561	0.574	-2.3	104	0.00
44 TM	Trichloroethene	0.363	0.380	-4.7	110	0.00
45 C	1,2-Dichloropropane	0.358	0.386	-7.8#	111	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.192	0.197	-2.6	107	0.00
47 T	Bromodichloromethane	0.460	0.493	-7.2	112	0.00
48 T	Methyl methacrylate	0.255	0.260	-2.0	105	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50 S	Toluene-d8	1.140	1.263	-10.8	108	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.288	0.3	103	0.00
52 CM	Toluene	0.898	0.965	-7.5#	111	0.00
53 T	t-1,3-Dichloropropene	0.509	0.543	-6.7	108	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.620	-6.0	109	0.00
55 T	1,1,2-Trichloroethane	0.284	0.299	-5.3	108	0.01
56 T	Ethyl methacrylate	0.429	0.443	-3.3	105	0.00
57 T	1,3-Dichloropropane	0.494	0.519	-5.1	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.142	4.1	114	0.00
59 T	2-Hexanone	0.201	0.210	-4.5	105	0.00
60 T	Dibromochloromethane	0.317	0.338	-6.6	110	0.00
61 T	1,2-Dibromoethane	0.268	0.283	-5.6	107	0.00
62 S	4-Bromofluorobenzene	0.454	0.472	-4.0	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.319	0.332	-4.1	110	0.01
65 PM	Chlorobenzene	1.054	1.122	-6.5	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.387	-7.5	110	0.00
67 C	Ethyl Benzene	1.942	2.087	-7.5#	111	0.00
68 T	m/p-Xylenes	0.725	0.778	-7.3	110	0.00
69 T	o-Xylene	0.698	0.747	-7.0	110	0.00
70 T	Styrene	1.224	1.303	-6.5	109	0.00
71 P	Bromoform	0.215	0.216	-0.5	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.945	4.348	-10.2	111	0.00
74 T	N-amyl acetate	1.291	1.314	-1.8	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.905	-7.1	106	0.00
76 T	1,2,3-Trichloropropane	0.603	0.649	-7.6	108	0.00
77 T	Bromobenzene	0.874	0.935	-7.0	108	0.00
78 T	n-propylbenzene	4.749	5.306	-11.7	112	0.01
79 T	2-Chlorotoluene	2.713	2.994	-10.4	112	0.01
80 T	1,3,5-Trimethylbenzene	3.293	3.605	-9.5	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.344	-8.2	108	0.00
82 T	4-Chlorotoluene	2.898	3.154	-8.8	110	0.00
83 T	tert-Butylbenzene	2.776	3.088	-11.2	111	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.581	-8.3	110	0.00
85 T	sec-Butylbenzene	3.944	4.464	-13.2	111	0.00
86 T	p-Isopropyltoluene	3.476	3.838	-10.4	110	0.00
87 T	1,3-Dichlorobenzene	1.683	1.807	-7.4	108	0.00
88 T	1,4-Dichlorobenzene	1.709	1.812	-6.0	108	0.00
89 T	n-Butylbenzene	3.498	3.894	-11.3	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.743	-12.7	111	0.00
91 T	1,2-Dichlorobenzene	1.552	1.646	-6.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.146	0.0	103	0.00
93 T	1,2,4-Trichlorobenzene	1.042	1.039	0.3	104	0.00
94 T	Hexachlorobutadiene	0.507	0.525	-3.6	106	0.00
95 T	Naphthalene	2.382	2.364	0.8	102	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.901	1.4	102	0.00

(#) = Out of Range

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