

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vy042120\  
 Data File : VY002452.D  
 Acq On : 21 Apr 2020 22:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: Apr 22 05:20:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y042020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 20 15:14:11 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.342	0.364	-6.4	98	0.00
3 P	Chloromethane	0.417	0.441	-5.8	103	0.00
4 C	Vinyl Chloride	0.449	0.472	-5.1#	98	0.00
5 T	Bromomethane	0.291	0.255	12.4	84	0.00
6 T	Chloroethane	0.265	0.239	9.8	87	0.00
7 T	Trichlorofluoromethane	0.699	0.675	3.4	96	0.00
8 T	Diethyl Ether	0.276	0.291	-5.4	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.457	0.452	1.1	97	0.00
10 T	Methyl Iodide	0.617	0.633	-2.6	92	0.00
11 T	Tert butyl alcohol	0.043	0.035	18.6	88	0.00
12 CM	1,1-Dichloroethene	0.475	0.480	-1.1#	98	0.00
13 T	Acrolein	0.043	0.045	-4.7	89	0.00
14 T	Allyl chloride	0.584	0.593	-1.5	100	0.00
15 T	Acrylonitrile	0.124	0.125	-0.8	98	0.01
16 T	Acetone	0.097	0.081	16.5	76	0.00
17 T	Carbon Disulfide	1.447	1.489	-2.9	99	0.00
18 T	Methyl Acetate	0.278	0.273	1.8	100	0.00
19 T	Methyl tert-butyl Ether	1.115	1.160	-4.0	101	0.00
20 T	Methylene Chloride	0.544	0.554	-1.8	105	0.00
21 T	trans-1,2-Dichloroethene	0.514	0.530	-3.1	100	0.00
22 T	Diisopropyl ether	1.171	1.181	-0.9	101	0.00
23 T	Vinyl Acetate	0.737	0.753	-2.2	99	0.00
24 P	1,1-Dichloroethane	0.742	0.769	-3.6	102	0.00
25 T	2-Butanone	0.139	0.128	7.9	90	0.00
26 T	2,2-Dichloropropane	0.650	0.594	8.6	91	0.00
27 T	cis-1,2-Dichloroethene	0.557	0.585	-5.0	102	0.00
28 T	Bromochloromethane	0.283	0.272	3.9	99	0.00
29 T	Tetrahydrofuran	0.089	0.085	4.5	94	0.01
30 C	Chloroform	0.766	0.797	-4.0#	104	0.00
31 T	Cyclohexane	0.753	0.700	7.0	98	0.00
32 T	1,1,1-Trichloroethane	0.677	0.683	-0.9	100	0.01
33 S	1,2-Dichloroethane-d4	0.364	0.357	1.9	99	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.263	0.258	1.9	101	0.00
36 T	1,1-Dichloropropene	0.402	0.379	5.7	96	0.00
37 T	Ethyl Acetate	0.188	0.177	5.9	94	0.00
38 T	Carbon Tetrachloride	0.405	0.386	4.7	96	0.00
39 T	Methylcyclohexane	0.555	0.519	6.5	96	0.00
40 TM	Benzene	1.238	1.241	-0.2	102	0.00
41 T	Methacrylonitrile	0.100	0.074	26.0#	79	0.00
42 TM	1,2-Dichloroethane	0.292	0.290	0.7	101	0.00
43 T	Isopropyl Acetate	0.353	0.335	5.1	98	0.00
44 TM	Trichloroethene	0.414	0.416	-0.5	100	0.01
45 C	1,2-Dichloropropane	0.283	0.283	0.0	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.165	0.165	0.0	100	0.00
47 T	Bromodichloromethane	0.375	0.379	-1.1	102	0.00
48 T	Methyl methacrylate	0.158	0.146	7.6	92	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50 S	Toluene-d8	1.064	1.002	5.8	99	0.00
51 T	4-Methyl-2-Pentanone	0.183	0.177	3.3	98	0.00
52 CM	Toluene	0.784	0.773	1.4#	101	0.00
53 T	t-1,3-Dichloropropene	0.401	0.388	3.2	97	0.00
54 T	cis-1,3-Dichloropropene	0.476	0.472	0.8	99	0.00
55 T	1,1,2-Trichloroethane	0.248	0.247	0.4	102	0.00
56 T	Ethyl methacrylate	0.319	0.317	0.6	99	0.00
57 T	1,3-Dichloropropane	0.405	0.402	0.7	102	0.01
58 T	2-Chloroethyl Vinyl ether	0.158	0.150	5.1	95	0.01
59 T	2-Hexanone	0.130	0.119	8.5	93	0.00
60 T	Dibromochloromethane	0.298	0.298	0.0	100	0.00
61 T	1,2-Dibromoethane	0.242	0.238	1.7	100	0.00
62 S	4-Bromofluorobenzene	0.351	0.325	7.4	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.533	0.522	2.1	101	0.00
65 PM	Chlorobenzene	0.959	0.939	2.1	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.338	0.336	0.6	102	0.00
67 C	Ethyl Benzene	1.659	1.594	3.9#	100	0.00
68 T	m/p-Xylenes	0.641	0.622	3.0	100	0.00
69 T	o-Xylene	0.604	0.592	2.0	101	0.00
70 T	Styrene	1.034	1.021	1.3	101	0.00
71 P	Bromoform	0.207	0.201	2.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.281	3.235	1.4	99	0.00
74 T	N-amyl acetate	0.717	0.687	4.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.404	0.373	7.7	94	0.00
76 T	1,2,3-Trichloropropane	0.440	0.424	3.6	93	0.00
77 T	Bromobenzene	0.827	0.838	-1.3	102	0.00
78 T	n-propylbenzene	3.876	3.750	3.3	98	0.00
79 T	2-Chlorotoluene	2.116	2.098	0.9	101	0.00
80 T	1,3,5-Trimethylbenzene	2.706	2.679	1.0	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.213	5.8	93	0.00
82 T	4-Chlorotoluene	2.224	2.149	3.4	98	0.00
83 T	tert-Butylbenzene	2.349	2.297	2.2	99	0.00
84 T	1,2,4-Trimethylbenzene	2.711	2.666	1.7	99	0.00
85 T	sec-Butylbenzene	3.342	3.227	3.4	97	0.00
86 T	p-Isopropyltoluene	3.031	2.929	3.4	97	0.00
87 T	1,3-Dichlorobenzene	1.538	1.512	1.7	99	0.00
88 T	1,4-Dichlorobenzene	1.556	1.515	2.6	99	0.00
89 T	n-Butylbenzene	2.826	2.686	5.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.568	0.559	1.6	99	0.00
91 T	1,2-Dichlorobenzene	1.408	1.391	1.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.084	8.7	94	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.901	10.6	91	0.00
94 T	Hexachlorobutadiene	0.553	0.504	8.9	92	0.00
95 T	Naphthalene	1.955	1.864	4.7	95	0.00
96 T	1,2,3-Trichlorobenzene	0.875	0.809	7.5	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5