

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv122319\
 Data File : VY001034.D
 Acq On : 23 Dec 2019 17:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 05:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 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	78	0.00
2 T	Dichlorodifluoromethane	0.436	0.474	-8.7	91	0.00
3 P	Chloromethane	0.593	0.623	-5.1	90	0.00
4 C	Vinyl Chloride	0.576	0.613	-6.4#	90	0.00
5 T	Bromomethane	0.354	0.399	-12.7	93	0.00
6 T	Chloroethane	0.359	0.396	-10.3	92	0.00
7 T	Trichlorofluoromethane	0.845	0.893	-5.7	91	0.00
8 T	Diethyl Ether	0.345	0.384	-11.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.614	-10.6	94	0.00
10 T	Methyl Iodide	0.767	0.784	-2.2	84	0.00
11 T	Tert butyl alcohol	0.054	0.062	-14.8	98	0.00
12 CM	1,1-Dichloroethene	0.562	0.604	-7.5#	91	0.00
13 T	Acrolein	0.067	0.079	-17.9	89	0.00
14 T	Allyl chloride	0.873	1.011	-15.8	97	0.00
15 T	Acrylonitrile	0.172	0.207	-20.3#	99	0.00
16 T	Acetone	0.114	0.128	-12.3	101	0.00
17 T	Carbon Disulfide	1.836	1.772	3.5	80	0.00
18 T	Methyl Acetate	0.436	0.536	-22.9#	109	0.00
19 T	Methyl tert-butyl Ether	1.450	1.690	-16.6	96	0.00
20 T	Methylene Chloride	0.669	0.740	-10.6	99	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.680	-9.1	91	0.00
22 T	Diisopropyl ether	1.764	2.147	-21.7#	102	0.00
23 T	Vinyl Acetate	1.114	1.343	-20.6#	99	0.00
24 P	1,1-Dichloroethane	1.042	1.190	-14.2	96	0.00
25 T	2-Butanone	0.200	0.243	-21.5#	104	0.00
26 T	2,2-Dichloropropane	0.856	0.947	-10.6	94	0.00
27 T	cis-1,2-Dichloroethene	0.684	0.786	-14.9	96	0.00
28 T	Bromochloromethane	0.407	0.458	-12.5	87	0.00
29 T	Tetrahydrofuran	0.142	0.170	-19.7	103	0.00
30 C	Chloroform	0.986	1.156	-17.2#	99	0.00
31 T	Cyclohexane	1.096	1.102	-0.5	89	0.00
32 T	1,1,1-Trichloroethane	0.841	0.937	-11.4	94	0.00
33 S	1,2-Dichloroethane-d4	0.493	0.545	-10.5	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.294	0.308	-4.8	90	0.00
36 T	1,1-Dichloropropene	0.477	0.510	-6.9	93	0.00
37 T	Ethyl Acetate	0.264	0.299	-13.3	99	0.00
38 T	Carbon Tetrachloride	0.418	0.453	-8.4	93	0.00
39 T	Methylcyclohexane	0.633	0.666	-5.2	90	0.00
40 TM	Benzene	1.439	1.580	-9.8	95	0.00
41 T	Methacrylonitrile	0.115	0.128	-11.3	88	0.00
42 TM	1,2-Dichloroethane	0.344	0.391	-13.7	96	0.00
43 T	Isopropyl Acetate	0.489	0.573	-17.2	101	0.00
44 TM	Trichloroethene	0.379	0.415	-9.5	95	0.00
45 C	1,2-Dichloropropane	0.361	0.408	-13.0#	97	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	0.186	0.216	-16.1	97	0.00
47 T	Bromodichloromethane	0.431	0.490	-13.7	96	0.00
48 T	Methyl methacrylate	0.209	0.247	-18.2	99	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	101	0.00
50 S	Toluene-d8	1.151	1.245	-8.2	86	0.00
51 T	4-Methyl-2-Pentanone	0.255	0.307	-20.4#	103	0.00
52 CM	Toluene	0.886	0.985	-11.2#	95	0.00
53 T	t-1,3-Dichloropropene	0.468	0.549	-17.3	98	0.00
54 T	cis-1,3-Dichloropropene	0.563	0.646	-14.7	98	0.00
55 T	1,1,2-Trichloroethane	0.278	0.327	-17.6	101	0.00
56 T	Ethyl methacrylate	0.395	0.474	-20.0	100	0.00
57 T	1,3-Dichloropropane	0.487	0.565	-16.0	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.153	0.183	-19.6	115	0.00
59 T	2-Hexanone	0.176	0.211	-19.9	102	0.00
60 T	Dibromochloromethane	0.297	0.356	-19.9	100	0.00
61 T	1,2-Dibromoethane	0.266	0.309	-16.2	98	0.00
62 S	4-Bromofluorobenzene	0.421	0.426	-1.2	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.433	0.468	-8.1	97	0.00
65 PM	Chlorobenzene	1.037	1.118	-7.8	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.342	0.389	-13.7	98	0.00
67 C	Ethyl Benzene	1.865	2.058	-10.3#	97	0.00
68 T	m/p-Xylenes	0.708	0.776	-9.6	97	0.00
69 T	o-Xylene	0.666	0.743	-11.6	98	0.00
70 T	Styrene	1.133	1.274	-12.4	97	0.00
71 P	Bromoform	0.191	0.225	-17.8	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.869	4.023	-4.0	96	0.00
74 T	N-amyl acetate	1.016	1.128	-11.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.841	-10.4	102	0.00
76 T	1,2,3-Trichloropropane	0.616	0.657	-6.7	97	0.00
77 T	Bromobenzene	0.870	0.910	-4.6	98	0.00
78 T	n-propylbenzene	4.715	4.917	-4.3	98	0.00
79 T	2-Chlorotoluene	2.604	2.716	-4.3	98	0.00
80 T	1,3,5-Trimethylbenzene	3.172	3.338	-5.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.289	0.323	-11.8	100	0.00
82 T	4-Chlorotoluene	2.704	2.831	-4.7	97	0.00
83 T	tert-Butylbenzene	2.662	2.832	-6.4	100	0.00
84 T	1,2,4-Trimethylbenzene	3.187	3.335	-4.6	97	0.00
85 T	sec-Butylbenzene	3.925	4.135	-5.4	98	0.00
86 T	p-Isopropyltoluene	3.396	3.615	-6.4	98	0.00
87 T	1,3-Dichlorobenzene	1.671	1.775	-6.2	99	0.00
88 T	1,4-Dichlorobenzene	1.686	1.772	-5.1	98	0.00
89 T	n-Butylbenzene	3.417	3.601	-5.4	97	0.00

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90 T	Hexachloroethane	0.640	0.683	-6.7	96	0.00
91 T	1,2-Dichlorobenzene	1.542	1.614	-4.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.139	-8.6	100	0.00
93 T	1,2,4-Trichlorobenzene	1.041	1.103	-6.0	98	0.00
94 T	Hexachlorobutadiene	0.495	0.532	-7.5	99	0.00
95 T	Naphthalene	2.447	2.624	-7.2	99	0.00
96 T	1,2,3-Trichlorobenzene	0.928	0.995	-7.2	99	0.00

(#) = Out of Range

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