

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD020119\
 Data File : VD060831.D
 Acq On : 1 Feb 2019 20:51
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 02 02:19:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 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	67	-0.03
2 T	Dichlorodifluoromethane	0.608	0.887	-45.9#	92	0.00
3 P	Chloromethane	0.364	0.432	-18.7	82	-0.02
4 C	Vinyl Chloride	0.386	0.462	-19.7#	75	0.00
5 T	Bromomethane	0.122	0.164	-34.4#	82	0.00
6 T	Chloroethane	0.139	0.214	-54.0#	91	-0.02
7 T	Trichlorofluoromethane	0.761	1.208	-58.7#	98	-0.02
8 T	Diethyl Ether	0.112	0.148	-32.1#	83	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.385	0.576	-49.6#	97	-0.02
10 T	Methyl Iodide	0.404	0.572	-41.6#	83	-0.02
11 T	Tert butyl alcohol	0.037	0.049	-32.4#	85	-0.03
12 CM	1,1-Dichloroethene	0.263	0.381	-44.9#	93	-0.02
13 T	Acrolein	0.015	0.014	6.7	75	-0.02
14 T	Allyl chloride	0.613	0.867	-41.4#	93	-0.02
15 T	Acrylonitrile	0.082	0.096	-17.1	73	-0.02
16 T	Acetone	0.111	0.155	-39.6#	89	-0.02
17 T	Carbon Disulfide	0.933	1.217	-30.4#	86	-0.02
18 T	Methyl Acetate	0.219	0.339	-54.8#	94	-0.02
19 T	Methyl tert-butyl Ether	1.202	1.600	-33.1#	80	-0.03
20 T	Methylene Chloride	0.564	0.497	11.9	64	-0.03
21 T	trans-1,2-Dichloroethene	0.464	0.522	-12.5	72	-0.03
22 T	Diisopropyl ether	1.579	1.812	-14.8	74	-0.02
23 T	Vinyl Acetate	0.910	1.142	-25.5#	80	-0.04
24 P	1,1-Dichloroethane	1.034	1.190	-15.1	74	-0.03
25 T	2-Butanone	0.142	0.182	-28.2#	79	-0.03
26 T	2,2-Dichloropropane	1.089	1.432	-31.5#	87	-0.04
27 T	cis-1,2-Dichloroethene	0.529	0.563	-6.4	71	-0.03
28 T	Bromochloromethane	0.403	0.422	-4.7	69	-0.03
29	Tetrahydrofuran	0.068	0.083	-22.1#	73	-0.03
30 C	Chloroform	1.222	1.582	-29.5#	83	-0.03
31 T	Cyclohexane	0.704	0.774	-9.9	69	-0.03
32 T	1,1,1-Trichloroethane	1.177	1.621	-37.7#	91	-0.04
33 S	1,2-Dichloroethane-d4	0.767	0.964	-25.7#	90	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	-0.03
35 S	Dibromofluoromethane	0.480	0.582	-21.2#	77	-0.03
36 T	1,1-Dichloropropene	0.597	0.782	-31.0#	79	-0.03
37 T	Ethyl Acetate	0.266	0.338	-27.1#	80	-0.03
38 T	Carbon Tetrachloride	0.749	1.113	-48.6#	88	-0.03
39 T	Methylcyclohexane	0.500	0.562	-12.4	70	-0.03
40 TM	Benzene	1.178	1.391	-18.1	73	-0.03
41 T	Methacrylonitrile	0.169	0.223	-32.0#	82	-0.03
42 TM	1,2-Dichloroethane	0.684	1.063	-55.4#	89	-0.03
43 T	Isopropyl Acetate	0.348	0.448	-28.7#	74	-0.03
44 TM	Trichloroethene	0.399	0.479	-20.1#	73	-0.03
45 C	1,2-Dichloropropane	0.319	0.375	-17.6#	72	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.248	0.345	-39.1#	82	-0.03
47 T	Bromodichloromethane	0.668	0.953	-42.7#	88	-0.03
48 T	Methyl methacrylate	0.240	0.323	-34.6#	81	-0.03
49 T	1,4-Dioxane	0.002	0.002	0.0	69	-0.02
50 S	Toluene-d8	1.120	1.229	-9.7	73	-0.03
51 T	4-Methyl-2-Pentanone	0.225	0.325	-44.4#	85	-0.03
52 CM	Toluene	0.747	0.904	-21.0#	73	-0.03
53 T	t-1,3-Dichloropropene	0.588	0.790	-34.4#	83	-0.03
54 T	cis-1,3-Dichloropropene	0.603	0.802	-33.0#	80	-0.02
55 T	1,1,2-Trichloroethane	0.255	0.335	-31.4#	75	-0.03
56 T	Ethyl methacrylate	0.309	0.413	-33.7#	79	-0.02
57 T	1,3-Dichloropropane	0.436	0.584	-33.9#	79	-0.03
58 T	2-Chloroethyl Vinyl ether	0.162	0.200	-23.5#	91	-0.03
59 T	2-Hexanone	0.169	0.235	-39.1#	83	-0.03
60 T	Dibromochloromethane	0.458	0.656	-43.2#	81	-0.02
61 T	1,2-Dibromoethane	0.300	0.426	-42.0#	82	-0.03
62 S	4-Bromofluorobenzene	0.563	0.689	-22.4#	82	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	-0.02
64 T	Tetrachloroethene	0.459	0.502	-9.4	71	-0.03
65 PM	Chlorobenzene	1.143	1.225	-7.2	70	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.491	0.627	-27.7#	83	-0.02
67 C	Ethyl Benzene	2.055	2.548	-24.0#	84	-0.02
68 T	m/p-Xylenes	0.668	0.727	-8.8	74	-0.02
69 T	o-Xylene	0.662	0.708	-6.9	74	-0.02
70 T	Styrene	1.109	1.226	-10.6	77	-0.02
71 P	Bromoform	0.370	0.479	-29.5#	80	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	-0.02
73 T	Isopropylbenzene	3.987	4.168	-4.5	76	-0.02
74 T	N-amyl acetate	1.226	1.462	-19.2	83	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.726	0.825	-13.6	80	0.00
76 T	1,2,3-Trichloropropane	0.917	1.067	-16.4	82	-0.02
77 T	Bromobenzene	1.025	1.046	-2.0	77	-0.02
78 T	n-propylbenzene	5.004	5.619	-12.3	86	-0.02
79 T	2-Chlorotoluene	3.052	3.470	-13.7	88	-0.02
80 T	1,3,5-Trimethylbenzene	3.432	3.961	-15.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.239	0.240	-0.4	69	-0.02
82 T	4-Chlorotoluene	3.393	4.052	-19.4	86	-0.02
83 T	tert-Butylbenzene	3.591	4.129	-15.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.432	3.961	-15.4	90	0.00
85 T	sec-Butylbenzene	4.087	4.571	-11.8	85	0.00
86 T	p-Isopropyltoluene	3.318	3.767	-13.5	82	-0.02
87 T	1,3-Dichlorobenzene	1.833	1.981	-8.1	82	0.00
88 T	1,4-Dichlorobenzene	1.781	1.994	-12.0	80	-0.02
89 T	n-Butylbenzene	3.462	3.767	-8.8	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.987	1.090	-10.4	81	-0.02
91 T	1,2-Dichlorobenzene	1.521	1.595	-4.9	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.172	0.232	-34.9#	98	-0.02
93 T	1,2,4-Trichlorobenzene	1.317	1.456	-10.6	83	-0.02
94 T	Hexachlorobutadiene	0.988	1.186	-20.0#	83	0.00
95 T	Naphthalene	2.024	2.293	-13.3	80	0.00
96 T	1,2,3-Trichlorobenzene	1.146	1.265	-10.4	82	0.00

(#) = Out of Range

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