

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD070819\
 Data File : VD063049.D
 Acq On : 8 Jul 2019 21:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 09 06:25:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	82	0.00
2 T	Dichlorodifluoromethane	0.647	0.560	13.4	71	0.00
3 P	Chloromethane	0.487	0.426	12.5	75	0.00
4 C	Vinyl Chloride	0.482	0.430	10.8#	71	0.00
5 T	Bromomethane	0.226	0.245	-8.4	77	-0.02
6 T	Chloroethane	0.218	0.233	-6.9	81	0.00
7 T	Trichlorofluoromethane	0.976	1.021	-4.6	84	0.00
8 T	Diethyl Ether	0.124	0.130	-4.8	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.523	1.1	82	-0.02
10 T	Methyl Iodide	0.698	0.732	-4.9	81	-0.02
11 T	Tert butyl alcohol	0.025	0.026	-4.0	92	-0.02
12 CM	1,1-Dichloroethene	0.397	0.386	2.8#	80	0.00
13 T	Acrolein	0.025	0.017	32.0#	57	0.00
14 T	Allyl chloride	0.586	0.593	-1.2	79	-0.02
15 T	Acrylonitrile	0.058	0.065	-12.1	89	-0.02
16 T	Acetone	0.122	0.106	13.1	79	0.00
17 T	Carbon Disulfide	1.268	1.139	10.2	72	-0.02
18 T	Methyl Acetate	0.164	0.199	-21.3#	102	0.00
19 T	Methyl tert-butyl Ether	0.859	1.017	-18.4	90	-0.02
20 T	Methylene Chloride	0.414	0.432	-4.3	86	-0.02
21 T	trans-1,2-Dichloroethene	0.423	0.428	-1.2	81	-0.02
22 T	Diisopropyl ether	1.192	1.326	-11.2	90	-0.02
23 T	Vinyl Acetate	0.746	0.824	-10.5	87	0.00
24 P	1,1-Dichloroethane	0.776	0.780	-0.5	79	-0.02
25 T	2-Butanone	0.102	0.117	-14.7	92	0.00
26 T	2,2-Dichloropropane	0.823	0.876	-6.4	83	-0.02
27 T	cis-1,2-Dichloroethene	0.447	0.498	-11.4	89	-0.02
28 T	Bromochloromethane	0.273	0.313	-14.7	94	-0.02
29	Tetrahydrofuran	0.048	0.055	-14.6	93	-0.02
30 C	Chloroform	0.944	1.073	-13.7#	90	-0.02
31 T	Cyclohexane	0.510	0.514	-0.8	80	-0.02
32 T	1,1,1-Trichloroethane	0.983	1.031	-4.9	81	-0.02
33 S	1,2-Dichloroethane-d4	0.543	0.533	1.8	84	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.422	0.398	5.7	87	0.00
36 T	1,1-Dichloropropene	0.473	0.496	-4.9	85	0.00
37 T	Ethyl Acetate	0.217	0.199	8.3	85	-0.02
38 T	Carbon Tetrachloride	0.712	0.754	-5.9	88	-0.02
39 T	Methylcyclohexane	0.417	0.406	2.6	80	0.00
40 TM	Benzene	0.950	1.018	-7.2	88	-0.02
41 T	Methacrylonitrile	0.250	0.280	-12.0	94	0.00
42 TM	1,2-Dichloroethane	0.518	0.579	-11.8	90	0.00
43 T	Isopropyl Acetate	0.248	0.265	-6.9	85	0.00
44 TM	Trichloroethene	0.372	0.400	-7.5	87	-0.02
45 C	1,2-Dichloropropane	0.236	0.239	-1.3#	85	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.203	0.219	-7.9	91	0.00
47 T	Bromodichloromethane	0.527	0.605	-14.8	90	-0.02
48 T	Methyl methacrylate	0.176	0.179	-1.7	88	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	100	-0.02
50 S	Toluene-d8	0.918	0.851	7.3	80	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.201	-14.2	97	0.00
52 CM	Toluene	0.639	0.692	-8.3#	89	0.00
53 T	t-1,3-Dichloropropene	0.431	0.497	-15.3	96	0.00
54 T	cis-1,3-Dichloropropene	0.469	0.471	-0.4	82	0.00
55 T	1,1,2-Trichloroethane	0.219	0.246	-12.3	98	0.00
56 T	Ethyl methacrylate	0.234	0.247	-5.6	86	0.00
57 T	1,3-Dichloropropane	0.336	0.347	-3.3	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.120	0.0	86	0.00
59 T	2-Hexanone	0.125	0.138	-10.4	91	0.00
60 T	Dibromochloromethane	0.409	0.489	-19.6	99	-0.02
61 T	1,2-Dibromoethane	0.259	0.284	-9.7	91	0.00
62 S	4-Bromofluorobenzene	0.417	0.383	8.2	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.412	0.441	-7.0	88	0.00
65 PM	Chlorobenzene	0.928	1.013	-9.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.434	0.510	-17.5	94	0.00
67 C	Ethyl Benzene	1.666	1.893	-13.6#	94	-0.02
68 T	m/p-Xylenes	0.580	0.638	-10.0	86	0.00
69 T	o-Xylene	0.530	0.633	-19.4	91	0.00
70 T	Styrene	0.932	1.104	-18.5	93	0.00
71 P	Bromoform	0.297	0.361	-21.5#	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.206	3.376	-5.3	91	0.00
74 T	N-amyl acetate	0.779	0.883	-13.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.596	-14.2	103	0.00
76 T	1,2,3-Trichloropropane	0.577	0.658	-14.0	98	0.00
77 T	Bromobenzene	0.862	0.969	-12.4	93	0.00
78 T	n-propylbenzene	3.731	3.867	-3.6	93	0.00
79 T	2-Chlorotoluene	2.132	2.303	-8.0	93	0.00
80 T	1,3,5-Trimethylbenzene	2.693	2.648	1.7	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.172	-13.9	98	0.00
82 T	4-Chlorotoluene	2.567	2.526	1.6	87	0.00
83 T	tert-Butylbenzene	3.002	3.152	-5.0	90	0.00
84 T	1,2,4-Trimethylbenzene	2.760	2.855	-3.4	87	0.00
85 T	sec-Butylbenzene	3.262	3.443	-5.5	93	0.00
86 T	p-Isopropyltoluene	2.984	3.097	-3.8	86	0.00
87 T	1,3-Dichlorobenzene	1.546	1.608	-4.0	89	0.00
88 T	1,4-Dichlorobenzene	1.553	1.608	-3.5	89	0.00
89 T	n-Butylbenzene	2.793	2.883	-3.2	92	0.00

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90 T	Hexachloroethane	0.802	0.879	-9.6	90	0.00
91 T	1,2-Dichlorobenzene	1.322	1.440	-8.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.112	-9.8	91	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.098	-6.3	95	0.00
94 T	Hexachlorobutadiene	0.789	0.839	-6.3	92	0.00
95 T	Naphthalene	1.448	1.698	-17.3	98	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.873	-9.9	96	0.00

(#) = Out of Range

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