

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063119.D
 Acq On : 16 Jul 2019 21:04
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 17 09:05:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 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	75	0.00
2 T	Dichlorodifluoromethane	0.648	0.548	15.4	76	0.00
3 P	Chloromethane	0.525	0.469	10.7	81	0.00
4 C	Vinyl Chloride	0.534	0.485	9.2#	79	0.00
5 T	Bromomethane	0.238	0.238	0.0	89	0.00
6 T	Chloroethane	0.248	0.252	-1.6	83	0.00
7 T	Trichlorofluoromethane	1.080	1.073	0.6	78	0.00
8 T	Diethyl Ether	0.152	0.143	5.9	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.623	0.565	9.3	82	0.00
10 T	Methyl Iodide	0.765	0.742	3.0	77	0.00
11 T	Tert butyl alcohol	0.036	0.033	8.3	69	-0.03
12 CM	1,1-Dichloroethene	0.442	0.438	0.9#	87	0.00
13 T	Acrolein	0.011	0.006	45.5#	73	0.00
14 T	Allyl chloride	0.695	0.696	-0.1	79	0.00
15 T	Acrylonitrile	0.079	0.082	-3.8	82	0.00
16 T	Acetone	0.150	0.130	13.3	61	0.00
17 T	Carbon Disulfide	1.266	1.148	9.3	79	0.00
18 T	Methyl Acetate	0.278	0.274	1.4	107	0.00
19 T	Methyl tert-butyl Ether	1.117	1.116	0.1	79	0.00
20 T	Methylene Chloride	0.568	0.492	13.4	73	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.481	2.0	85	0.00
22 T	Diisopropyl ether	1.511	1.569	-3.8	81	0.00
23 T	Vinyl Acetate	0.882	0.950	-7.7	79	0.00
24 P	1,1-Dichloroethane	0.931	0.955	-2.6	81	0.00
25 T	2-Butanone	0.144	0.139	3.5	74	0.00
26 T	2,2-Dichloropropane	1.030	0.921	10.6	71	0.00
27 T	cis-1,2-Dichloroethene	0.559	0.560	-0.2	81	0.00
28 T	Bromochloromethane	0.338	0.353	-4.4	81	0.00
29	Tetrahydrofuran	0.065	0.069	-6.2	82	0.00
30 C	Chloroform	1.147	1.206	-5.1#	85	0.00
31 T	Cyclohexane	0.593	0.554	6.6	79	0.00
32 T	1,1,1-Trichloroethane	1.131	1.220	-7.9	86	0.00
33 S	1,2-Dichloroethane-d4	0.623	0.579	7.1	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.498	0.445	10.6	75	0.00
36 T	1,1-Dichloropropene	0.562	0.487	13.3	77	0.00
37 T	Ethyl Acetate	0.241	0.259	-7.5	87	0.00
38 T	Carbon Tetrachloride	0.854	0.769	10.0	78	0.00
39 T	Methylcyclohexane	0.486	0.414	14.8	78	0.00
40 TM	Benzene	1.178	1.170	0.7	84	0.00
41 T	Methacrylonitrile	0.326	0.317	2.8	83	0.00
42 TM	1,2-Dichloroethane	0.627	0.596	4.9	82	0.00
43 T	Isopropyl Acetate	0.345	0.315	8.7	75	0.00
44 TM	Trichloroethene	0.455	0.441	3.1	86	0.00
45 C	1,2-Dichloropropane	0.294	0.278	5.4#	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.252	0.247	2.0	82	0.00
47 T	Bromodichloromethane	0.658	0.645	2.0	83	0.00
48 T	Methyl methacrylate	0.227	0.219	3.5	81	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.070	0.924	13.6	74	0.00
51 T	4-Methyl-2-Pentanone	0.229	0.231	-0.9	80	0.00
52 CM	Toluene	0.786	0.732	6.9#	81	0.00
53 T	t-1,3-Dichloropropene	0.564	0.545	3.4	80	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.546	6.3	76	0.00
55 T	1,1,2-Trichloroethane	0.272	0.274	-0.7	85	0.00
56 T	Ethyl methacrylate	0.304	0.296	2.6	80	0.00
57 T	1,3-Dichloropropane	0.414	0.419	-1.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.169	0.170	-0.6	77	0.00
59 T	2-Hexanone	0.176	0.173	1.7	77	0.00
60 T	Dibromochloromethane	0.521	0.524	-0.6	83	0.00
61 T	1,2-Dibromoethane	0.325	0.338	-4.0	89	0.00
62 S	4-Bromofluorobenzene	0.495	0.424	14.3	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.485	0.455	6.2	87	0.00
65 PM	Chlorobenzene	1.175	1.058	10.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.545	0.520	4.6	84	0.00
67 C	Ethyl Benzene	2.042	1.923	5.8#	84	0.00
68 T	m/p-Xylenes	0.731	0.656	10.3	82	0.00
69 T	o-Xylene	0.694	0.616	11.2	78	0.00
70 T	Styrene	1.214	1.128	7.1	80	0.00
71 P	Bromoform	0.382	0.380	0.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.861	3.526	8.7	84	0.00
74 T	N-amyl acetate	1.077	1.002	7.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.703	0.660	6.1	82	0.00
76 T	1,2,3-Trichloropropane	0.769	0.735	4.4	82	0.00
77 T	Bromobenzene	1.095	1.014	7.4	84	0.00
78 T	n-propylbenzene	4.444	3.766	15.3	73	0.00
79 T	2-Chlorotoluene	2.687	2.307	14.1	78	0.00
80 T	1,3,5-Trimethylbenzene	3.365	3.032	9.9	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.188	7.4	81	0.00
82 T	4-Chlorotoluene	3.137	2.966	5.5	86	0.00
83 T	tert-Butylbenzene	3.805	3.646	4.2	85	0.00
84 T	1,2,4-Trimethylbenzene	3.355	3.134	6.6	84	0.00
85 T	sec-Butylbenzene	4.043	3.765	6.9	85	0.00
86 T	p-Isopropyltoluene	3.772	3.087	18.2	77	0.00
87 T	1,3-Dichlorobenzene	1.956	1.578	19.3	75	0.00
88 T	1,4-Dichlorobenzene	1.875	1.754	6.5	85	0.00
89 T	n-Butylbenzene	3.476	3.057	12.1	81	0.00

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90 T	Hexachloroethane	1.008	0.891	11.6	78	0.00
91 T	1,2-Dichlorobenzene	1.741	1.618	7.1	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.128	5.2	82	0.00
93 T	1,2,4-Trichlorobenzene	1.308	1.190	9.0	79	0.00
94 T	Hexachlorobutadiene	0.964	0.907	5.9	81	0.00
95 T	Naphthalene	1.914	1.848	3.4	89	0.00
96 T	1,2,3-Trichlorobenzene	1.052	0.860	18.3	70	0.00

(#) = Out of Range

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