

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 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	74	0.04
2 T	Dichlorodifluoromethane	0.478	0.453	5.2	69	0.00
3 P	Chloromethane	0.346	0.286	17.3	64	0.02
4 C	Vinyl Chloride	0.340	0.316	7.1#	66	0.02
5 T	Bromomethane	0.080	0.120	-50.0#	105	0.02
6 T	Chloroethane	0.142	0.169	-19.0	81	0.02
7 T	Trichlorofluoromethane	0.660	0.815	-23.5#	90	0.03
8 T	Diethyl Ether	0.127	0.102	19.7	59	0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.480	3.8	68	0.03
10 T	Methyl Iodide	0.755	0.636	15.8	62	0.02
11 T	Tert butyl alcohol	0.024	0.024	0.0	76	0.06
12 CM	1,1-Dichloroethene	0.381	0.371	2.6#	66	0.02
13 T	Acrolein	0.025	0.018	28.0#	56	0.03
14 T	Allyl chloride	0.554	0.542	2.2	69	0.04
15 T	Acrylonitrile	0.062	0.055	11.3	66	0.04
16 T	Acetone	0.097	0.087	10.3	64	0.04
17 T	Carbon Disulfide	1.097	0.918	16.3	60	0.03
18 T	Methyl Acetate	0.191	0.174	8.9	76	0.04
19 T	Methyl tert-butyl Ether	0.817	0.784	4.0	70	0.05
20 T	Methylene Chloride	0.407	0.409	-0.5	77	0.03
21 T	trans-1,2-Dichloroethene	0.424	0.398	6.1	65	0.03
22 T	Diisopropyl ether	1.180	1.130	4.2	71	0.05
23 T	Vinyl Acetate	0.622	0.679	-9.2	78	0.05
24 P	1,1-Dichloroethane	0.712	0.728	-2.2	78	0.04
25 T	2-Butanone	0.106	0.104	1.9	75	0.05
26 T	2,2-Dichloropropane	0.709	0.758	-6.9	82	0.04
27 T	cis-1,2-Dichloroethene	0.475	0.470	1.1	75	0.05
28 T	Bromochloromethane	0.280	0.340	-21.4#	91	0.04
29	Tetrahydrofuran	0.049	0.044	10.2	72	0.05
30 C	Chloroform	0.858	0.954	-11.2#	82	0.04
31 T	Cyclohexane	0.488	0.463	5.1	68	0.04
32 T	1,1,1-Trichloroethane	0.811	0.967	-19.2	86	0.04
33 S	1,2-Dichloroethane-d4	0.465	0.488	-4.9	76	0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.04
35 S	Dibromofluoromethane	0.415	0.414	0.2	69	0.05
36 T	1,1-Dichloropropene	0.410	0.429	-4.6	77	0.04
37 T	Ethyl Acetate	0.174	0.171	1.7	71	0.05
38 T	Carbon Tetrachloride	0.567	0.645	-13.8	82	0.04
39 T	Methylcyclohexane	0.393	0.376	4.3	68	0.03
40 TM	Benzene	0.926	0.886	4.3	71	0.04
41 T	Methacrylonitrile	0.212	0.217	-2.4	77	0.04
42 TM	1,2-Dichloroethane	0.392	0.453	-15.6	84	0.04
43 T	Isopropyl Acetate	0.247	0.231	6.5	69	0.04
44 TM	Trichloroethene	0.353	0.348	1.4	70	0.04
45 C	1,2-Dichloropropane	0.229	0.221	3.5#	71	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.196	-5.4	77	0.04
47 T	Bromodichloromethane	0.455	0.504	-10.8	81	0.04
48 T	Methyl methacrylate	0.152	0.158	-3.9	78	0.04
49 T	1,4-Dioxane	0.002	0.001	50.0#	67	0.04
50 S	Toluene-d8	1.000	0.838	16.2	57	0.03
51 T	4-Methyl-2-Pentanone	0.158	0.167	-5.7	80	0.04
52 CM	Toluene	0.602	0.580	3.7#	70	0.03
53 T	t-1,3-Dichloropropene	0.394	0.402	-2.0	74	0.03
54 T	cis-1,3-Dichloropropene	0.429	0.435	-1.4	71	0.03
55 T	1,1,2-Trichloroethane	0.213	0.214	-0.5	71	0.03
56 T	Ethyl methacrylate	0.221	0.212	4.1	67	0.03
57 T	1,3-Dichloropropane	0.322	0.311	3.4	66	0.03
58 T	2-Chloroethyl Vinyl ether	0.121	0.134	-10.7	79	0.03
59 T	2-Hexanone	0.117	0.113	3.4	72	0.03
60 T	Dibromochloromethane	0.368	0.385	-4.6	75	0.03
61 T	1,2-Dibromoethane	0.259	0.266	-2.7	76	0.02
62 S	4-Bromofluorobenzene	0.402	0.349	13.2	59	0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.02
64 T	Tetrachloroethene	0.391	0.398	-1.8	72	0.04
65 PM	Chlorobenzene	0.931	0.929	0.2	74	0.02
66 T	1,1,1,2-Tetrachloroethane	0.405	0.442	-9.1	74	0.02
67 C	Ethyl Benzene	1.559	1.683	-8.0#	75	0.02
68 T	m/p-Xylenes	0.567	0.583	-2.8	69	0.02
69 T	o-Xylene	0.527	0.535	-1.5	70	0.02
70 T	Styrene	0.893	0.937	-4.9	75	0.02
71 P	Bromoform	0.282	0.323	-14.5	78	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.02
73 T	Isopropylbenzene	2.997	2.924	2.4	69	0.00
74 T	N-amyl acetate	0.786	0.772	1.8	71	0.02
75 P	1,1,2,2-Tetrachloroethane	0.567	0.551	2.8	73	0.00
76 T	1,2,3-Trichloropropane	0.594	0.579	2.5	74	0.02
77 T	Bromobenzene	0.839	0.789	6.0	72	0.00
78 T	n-propylbenzene	3.575	3.564	0.3	75	0.02
79 T	2-Chlorotoluene	2.048	2.139	-4.4	76	0.02
80 T	1,3,5-Trimethylbenzene	2.524	2.574	-2.0	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.168	0.164	2.4	68	0.00
82 T	4-Chlorotoluene	2.410	2.401	0.4	72	0.00
83 T	tert-Butylbenzene	2.837	2.851	-0.5	71	0.02
84 T	1,2,4-Trimethylbenzene	2.533	2.690	-6.2	77	0.02
85 T	sec-Butylbenzene	3.110	2.939	5.5	68	0.00
86 T	p-Isopropyltoluene	2.779	2.642	4.9	65	0.02
87 T	1,3-Dichlorobenzene	1.533	1.415	7.7	67	0.00
88 T	1,4-Dichlorobenzene	1.506	1.449	3.8	72	0.00
89 T	n-Butylbenzene	2.494	2.593	-4.0	78	0.02

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90 T	Hexachloroethane	0.756	0.772	-2.1	72	0.00
91 T	1,2-Dichlorobenzene	1.262	1.317	-4.4	80	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.107	-15.1	84	0.00
93 T	1,2,4-Trichlorobenzene	0.919	1.053	-14.6	88	0.00
94 T	Hexachlorobutadiene	0.683	0.752	-10.1	81	0.02
95 T	Naphthalene	1.283	1.371	-6.9	76	0.02
96 T	1,2,3-Trichlorobenzene	0.578	0.771	-33.4#	97	0.02

(#) = Out of Range

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