

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD053019\
 Data File : VD062556.D
 Acq On : 30 May 2019 17:13
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00q/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053019

Quant Time: May 31 02:33:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	112	0.00
2 T	Dichlorodifluoromethane	0.580	0.562	3.1	113	0.00
3 P	Chloromethane	0.668	0.501	25.0#	98	0.01
4 C	Vinyl Chloride	0.443	0.457	-3.2#	108	0.00
5 T	Bromomethane	0.144	0.181	-25.7#	104	0.00
6 T	Chloroethane	0.208	0.219	-5.3	101	0.00
7 T	Trichlorofluoromethane	0.936	0.978	-4.5	108	0.00
8 T	Diethyl Ether	0.120	0.134	-11.7	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.566	-2.4	108	0.00
10 T	Methyl Iodide	0.627	0.770	-22.8#	105	0.00
11 T	Tert butyl alcohol	0.025	0.025	0.0	104	0.00
12 CM	1,1-Dichloroethene	0.391	0.420	-7.4#	111	0.00
13 T	Acrolein	0.011	0.010	9.1	102	0.00
14 T	Allyl chloride	0.611	0.648	-6.1	105	0.00
15 T	Acrylonitrile	0.060	0.065	-8.3	112	0.00
16 T	Acetone	0.115	0.126	-9.6	111	0.00
17 T	Carbon Disulfide	1.271	1.327	-4.4	107	0.00
18 T	Methyl Acetate	0.188	0.165	12.2	107	0.00
19 T	Methyl tert-butyl Ether	0.947	0.985	-4.0	105	0.00
20 T	Methylene Chloride	0.426	0.407	4.5	102	0.00
21 T	trans-1,2-Dichloroethene	0.444	0.470	-5.9	111	0.00
22 T	Diisopropyl ether	1.248	1.279	-2.5	103	0.00
23 T	Vinyl Acetate	0.757	0.800	-5.7	104	0.02
24 P	1,1-Dichloroethane	0.805	0.833	-3.5	104	0.00
25 T	2-Butanone	0.108	0.111	-2.8	100	0.02
26 T	2,2-Dichloropropane	0.893	0.950	-6.4	109	0.00
27 T	cis-1,2-Dichloroethene	0.456	0.508	-11.4	111	0.00
28 T	Bromochloromethane	0.278	0.293	-5.4	114	0.00
29	Tetrahydrofuran	0.049	0.050	-2.0	97	0.00
30 C	Chloroform	0.970	0.997	-2.8#	101	0.00
31 T	Cyclohexane	0.544	0.546	-0.4	101	0.00
32 T	1,1,1-Trichloroethane	1.010	1.081	-7.0	108	0.00
33 S	1,2-Dichloroethane-d4	0.586	0.617	-5.3	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.456	0.513	-12.5	103	0.00
36 T	1,1-Dichloropropene	0.498	0.573	-15.1	111	0.00
37 T	Ethyl Acetate	0.210	0.219	-4.3	104	0.00
38 T	Carbon Tetrachloride	0.741	0.887	-19.7	111	0.00
39 T	Methylcyclohexane	0.421	0.477	-13.3	112	0.00
40 TM	Benzene	0.977	1.150	-17.7	112	0.00
41 T	Methacrylonitrile	0.247	0.275	-11.3	106	0.00
42 TM	1,2-Dichloroethane	0.544	0.623	-14.5	104	0.00
43 T	Isopropyl Acetate	0.261	0.283	-8.4	97	0.00
44 TM	Trichloroethene	0.390	0.436	-11.8	108	0.00
45 C	1,2-Dichloropropane	0.240	0.276	-15.0#	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.201	0.230	-14.4	105	0.00
47 T	Bromodichloromethane	0.554	0.621	-12.1	104	0.00
48 T	Methyl methacrylate	0.174	0.193	-10.9	100	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	117	-0.01
50 S	Toluene-d8	0.998	1.079	-8.1	102	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.194	-6.6	99	0.00
52 CM	Toluene	0.666	0.768	-15.3#	107	0.00
53 T	t-1,3-Dichloropropene	0.468	0.552	-17.9	106	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.548	-12.5	102	0.00
55 T	1,1,2-Trichloroethane	0.219	0.233	-6.4	101	0.00
56 T	Ethyl methacrylate	0.233	0.284	-21.9#	121	0.00
57 T	1,3-Dichloropropane	0.337	0.382	-13.4	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.118	1.7	97	0.00
59 T	2-Hexanone	0.128	0.148	-15.6	104	0.00
60 T	Dibromochloromethane	0.425	0.476	-12.0	103	0.00
61 T	1,2-Dibromoethane	0.263	0.310	-17.9	109	0.00
62 S	4-Bromofluorobenzene	0.450	0.462	-2.7	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.442	0.441	0.2	104	0.00
65 PM	Chlorobenzene	0.974	1.023	-5.0	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.461	0.483	-4.8	102	0.00
67 C	Ethyl Benzene	1.785	1.845	-3.4#	105	0.00
68 T	m/p-Xylenes	0.617	0.670	-8.6	115	0.00
69 T	o-Xylene	0.589	0.601	-2.0	105	0.00
70 T	Styrene	1.000	1.005	-0.5	105	0.00
71 P	Bromoform	0.323	0.343	-6.2	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.296	3.422	-3.8	109	0.00
74 T	N-amyl acetate	0.840	0.860	-2.4	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.523	0.554	-5.9	104	0.00
76 T	1,2,3-Trichloropropane	0.600	0.654	-9.0	111	0.00
77 T	Bromobenzene	0.904	0.878	2.9	95	0.00
78 T	n-propylbenzene	3.799	4.008	-5.5	113	0.00
79 T	2-Chlorotoluene	2.203	2.315	-5.1	110	0.00
80 T	1,3,5-Trimethylbenzene	2.817	2.705	4.0	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.172	0.168	2.3	98	0.00
82 T	4-Chlorotoluene	2.637	2.609	1.1	104	0.00
83 T	tert-Butylbenzene	3.143	3.085	1.8	104	0.00
84 T	1,2,4-Trimethylbenzene	2.870	2.746	4.3	106	0.00
85 T	sec-Butylbenzene	3.329	3.462	-4.0	109	0.00
86 T	p-Isopropyltoluene	3.111	3.228	-3.8	107	0.00
87 T	1,3-Dichlorobenzene	1.567	1.661	-6.0	108	0.00
88 T	1,4-Dichlorobenzene	1.570	1.645	-4.8	104	0.00
89 T	n-Butylbenzene	2.777	3.003	-8.1	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.825	0.864	-4.7	107	0.00
91 T	1,2-Dichlorobenzene	1.318	1.405	-6.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.113	-4.6	93	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.031	2.2	97	0.00
94 T	Hexachlorobutadiene	0.778	0.802	-3.1	102	0.00
95 T	Naphthalene	1.435	1.479	-3.1	100	0.00
96 T	1,2,3-Trichlorobenzene	0.787	0.762	3.2	97	0.00

(#) = Out of Range

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