

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061989.D
 Acq On : 24 Apr 2019 10:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 09:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 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	90	0.00
2 T	Dichlorodifluoromethane	0.446	0.427	4.3	84	0.00
3 P	Chloromethane	0.379	0.340	10.3	87	0.00
4 C	Vinyl Chloride	0.344	0.350	-1.7#	96	0.00
5 T	Bromomethane	0.098	0.096	2.0	90	0.00
6 T	Chloroethane	0.124	0.119	4.0	84	0.00
7 T	Trichlorofluoromethane	0.520	0.541	-4.0	98	0.00
8 T	Diethyl Ether	0.139	0.140	-0.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.459	4.2	90	0.00
10 T	Methyl Iodide	0.598	0.682	-14.0	90	0.00
11 T	Tert butyl alcohol	0.022	0.021	4.5	92	0.00
12 CM	1,1-Dichloroethene	0.408	0.379	7.1#	86	0.00
13 T	Acrolein	0.023	0.025	-8.7	117	0.00
14 T	Allyl chloride	0.557	0.547	1.8	94	0.00
15 T	Acrylonitrile	0.068	0.067	1.5	93	0.00
16 T	Acetone	0.093	0.099	-6.5	96	0.00
17 T	Carbon Disulfide	1.178	1.163	1.3	92	0.00
18 T	Methyl Acetate	0.188	0.160	14.9	94	0.00
19 T	Methyl tert-butyl Ether	0.809	0.805	0.5	94	0.00
20 T	Methylene Chloride	0.518	0.427	17.6	87	0.00
21 T	trans-1,2-Dichloroethene	0.468	0.459	1.9	90	0.00
22 T	Diisopropyl ether	1.299	1.359	-4.6	100	0.01
23 T	Vinyl Acetate	0.677	0.697	-3.0	96	0.00
24 P	1,1-Dichloroethane	0.785	0.782	0.4	96	0.00
25 T	2-Butanone	0.113	0.116	-2.7	98	0.00
26 T	2,2-Dichloropropane	0.685	0.698	-1.9	99	0.01
27 T	cis-1,2-Dichloroethene	0.532	0.519	2.4	96	0.00
28 T	Bromochloromethane	0.300	0.253	15.7	81	0.00
29	Tetrahydrofuran	0.056	0.053	5.4	86	0.01
30 C	Chloroform	0.892	0.899	-0.8#	90	0.00
31 T	Cyclohexane	0.583	0.621	-6.5	93	0.01
32 T	1,1,1-Trichloroethane	0.776	0.793	-2.2	88	0.01
33 S	1,2-Dichloroethane-d4	0.391	0.392	-0.3	99	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.01
35 S	Dibromofluoromethane	0.346	0.346	0.0	96	0.00
36 T	1,1-Dichloropropene	0.390	0.377	3.3	90	0.01
37 T	Ethyl Acetate	0.166	0.171	-3.0	107	0.00
38 T	Carbon Tetrachloride	0.494	0.470	4.9	83	0.00
39 T	Methylcyclohexane	0.384	0.393	-2.3	96	0.00
40 TM	Benzene	0.964	0.931	3.4	91	0.00
41 T	Methacrylonitrile	0.194	0.186	4.1	86	0.02
42 TM	1,2-Dichloroethane	0.327	0.333	-1.8	100	0.00
43 T	Isopropyl Acetate	0.243	0.231	4.9	94	0.00
44 TM	Trichloroethene	0.374	0.376	-0.5	94	0.00
45 C	1,2-Dichloropropane	0.245	0.236	3.7#	92	0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.171	2.8	92	0.00
47 T	Bromodichloromethane	0.416	0.401	3.6	94	0.00
48 T	Methyl methacrylate	0.138	0.129	6.5	95	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	93	0.00
50 S	Toluene-d8	0.823	0.822	0.1	99	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.143	3.4	94	0.01
52 CM	Toluene	0.615	0.579	5.9#	96	0.00
53 T	t-1,3-Dichloropropene	0.349	0.337	3.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.425	0.391	8.0	89	0.00
55 T	1,1,2-Trichloroethane	0.206	0.196	4.9	92	0.00
56 T	Ethyl methacrylate	0.229	0.211	7.9	91	0.00
57 T	1,3-Dichloropropane	0.319	0.306	4.1	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.106	0.099	6.6	97	0.00
59 T	2-Hexanone	0.111	0.113	-1.8	99	0.01
60 T	Dibromochloromethane	0.342	0.350	-2.3	99	0.00
61 T	1,2-Dibromoethane	0.245	0.226	7.8	96	0.01
62 S	4-Bromofluorobenzene	0.330	0.330	0.0	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.01
64 T	Tetrachloroethene	0.357	0.338	5.3	89	0.00
65 PM	Chlorobenzene	0.945	0.916	3.1	93	0.01
66 T	1,1,1,2-Tetrachloroethane	0.401	0.402	-0.2	94	0.00
67 C	Ethyl Benzene	1.542	1.523	1.2#	95	0.01
68 T	m/p-Xylenes	0.557	0.555	0.4	98	0.01
69 T	o-Xylene	0.510	0.462	9.4	89	0.00
70 T	Styrene	0.881	0.811	7.9	88	0.00
71 P	Bromoform	0.228	0.233	-2.2	96	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.335	2.924	12.3	92	0.01
74 T	N-amyl acetate	0.859	0.719	16.3	86	0.01
75 P	1,1,2,2-Tetrachloroethane	0.654	0.577	11.8	89	0.01
76 T	1,2,3-Trichloropropane	0.635	0.632	0.5	99	0.00
77 T	Bromobenzene	0.957	0.851	11.1	93	0.01
78 T	n-propylbenzene	3.818	3.370	11.7	95	0.01
79 T	2-Chlorotoluene	2.313	2.204	4.7	100	0.00
80 T	1,3,5-Trimethylbenzene	2.659	2.578	3.0	103	0.01
81 T	trans-1,4-Dichloro-2-butene	0.192	0.185	3.6	101	0.00
82 T	4-Chlorotoluene	2.547	2.448	3.9	100	0.00
83 T	tert-Butylbenzene	3.081	2.860	7.2	93	0.01
84 T	1,2,4-Trimethylbenzene	2.539	2.370	6.7	89	0.01
85 T	sec-Butylbenzene	3.329	2.937	11.8	90	0.01
86 T	p-Isopropyltoluene	2.979	2.622	12.0	85	0.00
87 T	1,3-Dichlorobenzene	1.676	1.474	12.1	91	0.01
88 T	1,4-Dichlorobenzene	1.567	1.493	4.7	96	0.00
89 T	n-Butylbenzene	2.675	2.386	10.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.806	0.796	1.2	97	0.01
91 T	1,2-Dichlorobenzene	1.382	1.198	13.3	92	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.089	-2.3	102	0.00
93 T	1,2,4-Trichlorobenzene	0.746	0.711	4.7	92	0.01
94 T	Hexachlorobutadiene	0.552	0.542	1.8	91	0.00
95 T	Naphthalene	1.204	1.156	4.0	98	0.00
96 T	1,2,3-Trichlorobenzene	0.423	0.422	0.2	92	0.01

(#) = Out of Range

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