

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072047.D
 Acq On : 22 Feb 2022 09:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.471	0.423	10.2	94	0.00
3 P	Chloromethane	0.446	0.406	9.0	96	0.00
4 C	Vinyl Chloride	0.426	0.400	6.1#	97	0.00
5 T	Bromomethane	0.297	0.263	11.4	96	0.00
6 T	Chloroethane	0.269	0.257	4.5	96	0.00
7 T	Trichlorofluoromethane	0.823	0.795	3.4	98	0.00
8 T	Diethyl Ether	0.235	0.216	8.1	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.480	6.6	93	0.00
10 T	Methyl Iodide	0.506	0.486	4.0	82	0.00
11 T	Tert butyl alcohol	0.030	0.025	16.7	92	0.00
12 CM	1,1-Dichloroethene	0.457	0.436	4.6#	94	0.00
13 T	Acrolein	0.058	0.053	8.6	99	0.00
14 T	Allyl chloride	0.801	0.737	8.0	89	0.00
15 T	Acrylonitrile	0.127	0.112	11.8	88	0.00
16 T	Acetone	0.112	0.114	-1.8	103	0.00
17 T	Carbon Disulfide	1.310	1.241	5.3	92	0.00
18 T	Methyl Acetate	0.320	0.238	25.6#	87	0.01
19 T	Methyl tert-butyl Ether	1.112	1.046	5.9	91	0.00
20 T	Methylene Chloride	0.558	0.488	12.5	90	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.493	3.9	93	0.00
22 T	Diisopropyl ether	1.672	1.541	7.8	88	0.00
23 T	Vinyl Acetate	0.893	0.866	3.0	88	0.00
24 P	1,1-Dichloroethane	0.995	0.926	6.9	93	0.00
25 T	2-Butanone	0.155	0.143	7.7	93	0.00
26 T	2,2-Dichloropropane	0.796	0.779	2.1	97	0.00
27 T	cis-1,2-Dichloroethene	0.588	0.563	4.3	92	0.00
28 T	Bromochloromethane	0.424	0.386	9.0	86	0.00
29 T	Tetrahydrofuran	0.099	0.088	11.1	89	0.00
30 C	Chloroform	1.021	0.954	6.6#	93	0.00
31 T	Cyclohexane	0.916	0.847	7.5	93	0.00
32 T	1,1,1-Trichloroethane	0.879	0.859	2.3	98	0.00
33 S	1,2-Dichloroethane-d4	0.519	0.572	-10.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.303	0.345	-13.9	98	0.00
36 T	1,1-Dichloropropene	0.459	0.461	-0.4	94	0.00
37 T	Ethyl Acetate	0.213	0.198	7.0	90	0.00
38 T	Carbon Tetrachloride	0.470	0.479	-1.9	96	0.00
39 T	Methylcyclohexane	0.537	0.554	-3.2	94	0.00
40 TM	Benzene	1.295	1.292	0.2	93	0.00
41 T	Methacrylonitrile	0.132	0.118	10.6	91	0.00
42 TM	1,2-Dichloroethane	0.388	0.377	2.8	93	0.00
43 T	Isopropyl Acetate	0.396	0.368	7.1	89	0.00
44 TM	Trichloroethene	0.353	0.348	1.4	94	0.00
45 C	1,2-Dichloropropane	0.345	0.332	3.8#	92	0.00
46 T	Dibromomethane	0.182	0.174	4.4	92	0.00
47 T	Bromodichloromethane	0.470	0.456	3.0	93	0.00
48 T	Methyl methacrylate	0.200	0.190	5.0	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50 S	Toluene-d8	1.123	1.374	-22.4	100	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.201	4.3	91	0.00
52 CM	Toluene	0.829	0.843	-1.7#	94	0.00
53 T	t-1,3-Dichloropropene	0.430	0.424	1.4	92	0.00
54 T	cis-1,3-Dichloropropene	0.509	0.493	3.1	91	0.00
55 T	1,1,2-Trichloroethane	0.257	0.247	3.9	92	0.00
56 T	Ethyl methacrylate	0.306	0.301	1.6	91	0.00
57 T	1,3-Dichloropropane	0.443	0.434	2.0	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.137	0.109	20.4	77	0.00
59 T	2-Hexanone	0.143	0.145	-1.4	96	0.00
60 T	Dibromochloromethane	0.320	0.310	3.1	93	0.00
61 T	1,2-Dibromoethane	0.245	0.235	4.1	93	0.00
62 S	4-Bromofluorobenzene	0.413	0.480	-16.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.316	0.318	-0.6	96	0.00
65 PM	Chlorobenzene	0.969	0.959	1.0	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.359	0.3	95	0.00
67 C	Ethyl Benzene	1.704	1.763	-3.5#	95	0.00
68 T	m/p-Xylenes	0.652	0.680	-4.3	95	0.00
69 T	o-Xylene	0.614	0.629	-2.4	93	0.00
70 T	Styrene	1.053	1.092	-3.7	94	0.00
71 P	Bromoform	0.206	0.202	1.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.433	3.560	-3.7	95	0.00
74 T	N-amyl acetate	0.829	0.798	3.7	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.679	0.616	9.3	92	0.00
76 T	1,2,3-Trichloropropane	0.474	0.497	-4.9	114	0.00
77 T	Bromobenzene	0.804	0.800	0.5	93	0.00
78 T	n-propylbenzene	4.220	4.391	-4.1	95	0.00
79 T	2-Chlorotoluene	2.442	2.464	-0.9	95	0.00
80 T	1,3,5-Trimethylbenzene	2.867	3.000	-4.6	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.185	2.1	95	0.00
82 T	4-Chlorotoluene	2.542	2.551	-0.4	95	0.00
83 T	tert-Butylbenzene	2.463	2.569	-4.3	94	0.00
84 T	1,2,4-Trimethylbenzene	2.818	2.950	-4.7	96	0.00
85 T	sec-Butylbenzene	3.752	3.903	-4.0	96	0.00
86 T	p-Isopropyltoluene	3.086	3.252	-5.4	96	0.00
87 T	1,3-Dichlorobenzene	1.625	1.619	0.4	94	0.00
88 T	1,4-Dichlorobenzene	1.633	1.587	2.8	96	0.00
89 T	n-Butylbenzene	2.934	3.130	-6.7	98	0.00
90 T	Hexachloroethane	0.619	0.627	-1.3	98	0.00
91 T	1,2-Dichlorobenzene	1.425	1.412	0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.097	8.5	91	0.00
93 T	1,2,4-Trichlorobenzene	0.875	0.882	-0.8	95	0.00
94 T	Hexachlorobutadiene	0.481	0.495	-2.9	96	0.00
95 T	Naphthalene	1.589	1.598	-0.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.755	0.776	-2.8	97	0.00

(#) = Out of Range

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