

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD021820\
 Data File : VD065218.D
 Acq On : 18 Feb 2020 13:32
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD021820

Quant Time: Feb 19 03:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 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	100	0.00
2 T	Dichlorodifluoromethane	0.419	0.463	-10.5	112	0.00
3 P	Chloromethane	0.534	0.555	-3.9	112	0.00
4 C	Vinyl Chloride	0.543	0.576	-6.1#	111	0.00
5 T	Bromomethane	0.328	0.339	-3.4	117	0.00
6 T	Chloroethane	0.331	0.337	-1.8	108	0.00
7 T	Trichlorofluoromethane	0.777	0.792	-1.9	109	0.00
8 T	Diethyl Ether	0.235	0.218	7.2	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.497	-1.2	109	0.00
10 T	Methyl Iodide	0.510	0.546	-7.1	100	0.00
11 T	Tert butyl alcohol	0.027	0.023	14.8	93	-0.01
12 CM	1,1-Dichloroethene	0.464	0.491	-5.8#	111	0.00
13 T	Acrolein	0.040	0.027	32.5#	94	0.00
14 T	Allyl chloride	0.753	0.792	-5.2	110	0.00
15 T	Acrylonitrile	0.104	0.095	8.7	95	0.00
16 T	Acetone	0.110	0.103	6.4	89	0.00
17 T	Carbon Disulfide	1.554	1.616	-4.0	110	0.00
18 T	Methyl Acetate	0.247	0.217	12.1	94	-0.01
19 T	Methyl tert-butyl Ether	0.967	0.968	-0.1	100	0.00
20 T	Methylene Chloride	0.558	0.521	6.6	108	-0.01
21 T	trans-1,2-Dichloroethene	0.527	0.555	-5.3	111	-0.01
22 T	Diisopropyl ether	1.451	1.494	-3.0	103	0.00
23 T	Vinyl Acetate	0.800	0.827	-3.4	99	0.00
24 P	1,1-Dichloroethane	0.900	0.904	-0.4	107	0.00
25 T	2-Butanone	0.139	0.125	10.1	88	0.00
26 T	2,2-Dichloropropane	0.781	0.802	-2.7	112	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.567	-1.6	106	0.00
28 T	Bromochloromethane	0.334	0.313	6.3	104	0.00
29 T	Tetrahydrofuran	0.082	0.077	6.1	92	0.00
30 C	Chloroform	0.907	0.895	1.3#	105	0.00
31 T	Cyclohexane	0.884	0.879	0.6	108	0.00
32 T	1,1,1-Trichloroethane	0.811	0.828	-2.1	110	0.00
33 S	1,2-Dichloroethane-d4	0.450	0.435	3.3	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.305	0.309	-1.3	101	0.00
36 T	1,1-Dichloropropene	0.487	0.514	-5.5	110	0.00
37 T	Ethyl Acetate	0.203	0.192	5.4	99	0.00
38 T	Carbon Tetrachloride	0.495	0.516	-4.2	109	0.00
39 T	Methylcyclohexane	0.572	0.637	-11.4	110	0.00
40 TM	Benzene	1.373	1.428	-4.0	107	0.00
41 T	Methacrylonitrile	0.117	0.116	0.9	105	0.00
42 TM	1,2-Dichloroethane	0.378	0.366	3.2	100	0.00
43 T	Isopropyl Acetate	0.370	0.364	1.6	97	0.00
44 TM	Trichloroethene	0.381	0.395	-3.7	108	0.00
45 C	1,2-Dichloropropane	0.341	0.345	-1.2#	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.173	1.7	99	0.00
47 T	Bromodichloromethane	0.463	0.460	0.6	103	0.00
48 T	Methyl methacrylate	0.171	0.172	-0.6	95	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50 S	Toluene-d8	1.165	1.243	-6.7	103	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.180	4.3	93	0.00
52 CM	Toluene	0.850	0.912	-7.3#	106	0.00
53 T	t-1,3-Dichloropropene	0.429	0.439	-2.3	102	0.00
54 T	cis-1,3-Dichloropropene	0.518	0.540	-4.2	104	0.00
55 T	1,1,2-Trichloroethane	0.247	0.238	3.6	99	0.00
56 T	Ethyl methacrylate	0.285	0.295	-3.5	98	0.00
57 T	1,3-Dichloropropane	0.421	0.414	1.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.090	0.079	12.2	97	0.00
59 T	2-Hexanone	0.134	0.132	1.5	89	0.00
60 T	Dibromochloromethane	0.316	0.312	1.3	101	0.00
61 T	1,2-Dibromoethane	0.234	0.225	3.8	96	0.00
62 S	4-Bromofluorobenzene	0.369	0.384	-4.1	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.355	0.379	-6.8	110	0.00
65 PM	Chlorobenzene	1.003	1.043	-4.0	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.386	-3.2	105	0.00
67 C	Ethyl Benzene	1.757	1.908	-8.6#	107	0.00
68 T	m/p-Xylenes	0.672	0.738	-9.8	107	0.00
69 T	o-Xylene	0.596	0.658	-10.4	106	0.00
70 T	Styrene	1.058	1.157	-9.4	105	0.00
71 P	Bromoform	0.208	0.201	3.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.310	3.743	-13.1	107	0.00
74 T	N-amyl acetate	0.736	0.763	-3.7	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.572	4.2	95	0.00
76 T	1,2,3-Trichloropropane	0.425	0.387	8.9	96	0.00
77 T	Bromobenzene	0.822	0.873	-6.2	103	0.00
78 T	n-propylbenzene	3.978	4.488	-12.8	107	0.00
79 T	2-Chlorotoluene	2.228	2.439	-9.5	106	0.00
80 T	1,3,5-Trimethylbenzene	2.726	3.057	-12.1	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.197	0.193	2.0	95	0.00
82 T	4-Chlorotoluene	2.366	2.548	-7.7	105	0.00
83 T	tert-Butylbenzene	2.285	2.556	-11.9	106	0.00
84 T	1,2,4-Trimethylbenzene	2.729	3.009	-10.3	105	0.00
85 T	sec-Butylbenzene	3.293	3.679	-11.7	108	0.00
86 T	p-Isopropyltoluene	3.011	3.370	-11.9	106	0.00
87 T	1,3-Dichlorobenzene	1.589	1.670	-5.1	105	0.00
88 T	1,4-Dichlorobenzene	1.568	1.624	-3.6	103	0.00
89 T	n-Butylbenzene	2.775	3.136	-13.0	108	0.00

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90 T	Hexachloroethane	0.611	0.652	-6.7	107	0.00
91 T	1,2-Dichlorobenzene	1.364	1.399	-2.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.088	4.3	94	0.00
93 T	1,2,4-Trichlorobenzene	0.893	0.955	-6.9	102	0.00
94 T	Hexachlorobutadiene	0.573	0.597	-4.2	107	0.00
95 T	Naphthalene	1.451	1.576	-8.6	99	0.00
96 T	1,2,3-Trichlorobenzene	0.779	0.832	-6.8	103	0.00

(#) = Out of Range

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