

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060719\
 Data File : VD062644.D
 Acq On : 7 Jun 2019 17:07
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00q/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVVD060719

Quant Time: Jun 08 00:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 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	105	0.02
2 T	Dichlorodifluoromethane	0.643	0.496	22.9#	96	0.00
3 P	Chloromethane	0.495	0.427	13.7	96	0.02
4 C	Vinyl Chloride	0.510	0.461	9.6#	101	0.00
5 T	Bromomethane	0.258	0.257	0.4	106	0.00
6 T	Chloroethane	0.252	0.243	3.6	100	0.02
7 T	Trichlorofluoromethane	1.142	1.015	11.1	95	0.00
8 T	Diethyl Ether	0.155	0.132	14.8	91	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.616	0.592	3.9	99	0.01
10 T	Methyl Iodide	0.789	0.774	1.9	103	0.02
11 T	Tert butyl alcohol	0.030	0.024	20.0	98	0.01
12 CM	1,1-Dichloroethene	0.442	0.427	3.4#	97	0.02
13 T	Acrolein	0.010	0.009	10.0	103	0.00
14 T	Allyl chloride	0.680	0.676	0.6	104	0.01
15 T	Acrylonitrile	0.067	0.067	0.0	107	0.00
16 T	Acetone	0.132	0.134	-1.5	99	0.00
17 T	Carbon Disulfide	1.302	1.288	1.1	105	0.02
18 T	Methyl Acetate	0.217	0.176	18.9	97	0.00
19 T	Methyl tert-butyl Ether	1.078	1.083	-0.5	105	0.00
20 T	Methylene Chloride	0.548	0.466	15.0	107	0.02
21 T	trans-1,2-Dichloroethene	0.485	0.477	1.6	110	0.01
22 T	Diisopropyl ether	1.411	1.438	-1.9	109	0.02
23 T	Vinyl Acetate	0.875	0.920	-5.1	105	0.00
24 P	1,1-Dichloroethane	0.908	0.909	-0.1	107	0.02
25 T	2-Butanone	0.129	0.130	-0.8	102	0.00
26 T	2,2-Dichloropropane	1.046	1.002	4.2	104	0.02
27 T	cis-1,2-Dichloroethene	0.526	0.517	1.7	104	0.01
28 T	Bromochloromethane	0.347	0.396	-14.1	123	0.00
29	Tetrahydrofuran	0.058	0.056	3.4	101	0.01
30 C	Chloroform	1.165	1.156	0.8#	106	0.00
31 T	Cyclohexane	0.569	0.572	-0.5	106	0.02
32 T	1,1,1-Trichloroethane	1.159	1.191	-2.8	109	0.00
33 S	1,2-Dichloroethane-d4	0.721	0.729	-1.1	112	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.527	0.535	-1.5	121	0.01
36 T	1,1-Dichloropropene	0.572	0.558	2.4	110	0.00
37 T	Ethyl Acetate	0.253	0.225	11.1	107	0.00
38 T	Carbon Tetrachloride	0.904	0.865	4.3	101	0.02
39 T	Methylcyclohexane	0.462	0.461	0.2	107	0.02
40 TM	Benzene	1.118	1.069	4.4	105	0.02
41 T	Methacrylonitrile	0.300	0.279	7.0	101	0.02
42 TM	1,2-Dichloroethane	0.666	0.647	2.9	102	0.00
43 T	Isopropyl Acetate	0.302	0.289	4.3	102	0.00
44 TM	Trichloroethene	0.454	0.434	4.4	103	0.00
45 C	1,2-Dichloropropane	0.268	0.280	-4.5#	108	0.00

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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)
46 T	Dibromomethane	0.238	0.227	4.6	100	0.01
47 T	Bromodichloromethane	0.648	0.634	2.2	108	0.01
48 T	Methyl methacrylate	0.218	0.202	7.3	100	0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.02
50 S	Toluene-d8	1.109	1.120	-1.0	120	0.00
51 T	4-Methyl-2-Pentanone	0.211	0.205	2.8	103	0.00
52 CM	Toluene	0.751	0.752	-0.1#	103	0.00
53 T	t-1,3-Dichloropropene	0.531	0.551	-3.8	108	0.00
54 T	cis-1,3-Dichloropropene	0.549	0.551	-0.4	106	0.00
55 T	1,1,2-Trichloroethane	0.258	0.252	2.3	106	0.00
56 T	Ethyl methacrylate	0.275	0.277	-0.7	103	0.00
57 T	1,3-Dichloropropane	0.399	0.396	0.8	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.138	0.124	10.1	112	0.02
59 T	2-Hexanone	0.157	0.149	5.1	99	0.00
60 T	Dibromochloromethane	0.509	0.487	4.3	98	0.00
61 T	1,2-Dibromoethane	0.308	0.307	0.3	103	0.00
62 S	4-Bromofluorobenzene	0.518	0.530	-2.3	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.02
64 T	Tetrachloroethene	0.468	0.444	5.1	98	0.00
65 PM	Chlorobenzene	1.106	1.053	4.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.527	0.511	3.0	102	0.00
67 C	Ethyl Benzene	1.961	1.938	1.2#	107	0.00
68 T	m/p-Xylenes	0.689	0.663	3.8	104	0.00
69 T	o-Xylene	0.633	0.644	-1.7	109	0.00
70 T	Styrene	1.130	1.089	3.6	102	0.00
71 P	Bromoform	0.362	0.336	7.2	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.524	3.778	-7.2	121	0.00
74 T	N-amyl acetate	0.952	0.973	-2.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.555	8.0	92	0.00
76 T	1,2,3-Trichloropropane	0.678	0.639	5.8	100	0.00
77 T	Bromobenzene	1.007	0.966	4.1	98	0.00
78 T	n-propylbenzene	4.314	4.298	0.4	101	0.00
79 T	2-Chlorotoluene	2.526	2.464	2.5	96	0.00
80 T	1,3,5-Trimethylbenzene	3.115	3.097	0.6	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.190	-6.7	107	0.00
82 T	4-Chlorotoluene	3.021	2.847	5.8	103	0.00
83 T	tert-Butylbenzene	3.435	3.492	-1.7	98	0.00
84 T	1,2,4-Trimethylbenzene	3.084	3.169	-2.8	100	0.00
85 T	sec-Butylbenzene	3.602	3.692	-2.5	104	0.00
86 T	p-Isopropyltoluene	3.507	3.568	-1.7	100	0.00
87 T	1,3-Dichlorobenzene	1.825	1.815	0.5	99	0.00
88 T	1,4-Dichlorobenzene	1.725	1.715	0.6	106	0.00
89 T	n-Butylbenzene	3.155	3.112	1.4	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.926	0.915	1.2	102	0.00
91 T	1,2-Dichlorobenzene	1.517	1.501	1.1	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.121	6.2	97	0.00
93 T	1,2,4-Trichlorobenzene	1.143	1.122	1.8	100	0.00
94 T	Hexachlorobutadiene	0.896	0.856	4.5	99	0.00
95 T	Naphthalene	1.617	1.543	4.6	95	0.00
96 T	1,2,3-Trichlorobenzene	0.874	0.802	8.2	90	0.00

(#) = Out of Range

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