

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062978.D
 Acq On : 28 Jun 2019 20:52
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 01:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	82	-0.04
2 T	Dichlorodifluoromethane	0.647	0.602	7.0	77	-0.02
3 P	Chloromethane	0.487	0.425	12.7	75	0.00
4 C	Vinyl Chloride	0.482	0.453	6.0#	76	0.00
5 T	Bromomethane	0.226	0.216	4.4	69	-0.02
6 T	Chloroethane	0.218	0.242	-11.0	85	-0.02
7 T	Trichlorofluoromethane	0.976	1.035	-6.0	85	-0.02
8 T	Diethyl Ether	0.124	0.149	-20.2#	88	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.536	-1.3	84	-0.04
10 T	Methyl Iodide	0.698	0.682	2.3	76	-0.04
11 T	Tert butyl alcohol	0.025	0.030	-20.0	106	-0.03
12 CM	1,1-Dichloroethene	0.397	0.399	-0.5#	83	-0.03
13 T	Acrolein	0.025	0.019	24.0#	65	-0.02
14 T	Allyl chloride	0.586	0.604	-3.1	81	-0.03
15 T	Acrylonitrile	0.058	0.068	-17.2	94	-0.03
16 T	Acetone	0.122	0.127	-4.1	94	-0.03
17 T	Carbon Disulfide	1.268	1.155	8.9	73	-0.03
18 T	Methyl Acetate	0.164	0.235	-43.3#	121	-0.03
19 T	Methyl tert-butyl Ether	0.859	1.033	-20.3#	92	-0.04
20 T	Methylene Chloride	0.414	0.427	-3.1	86	-0.04
21 T	trans-1,2-Dichloroethene	0.423	0.446	-5.4	85	-0.04
22 T	Diisopropyl ether	1.192	1.361	-14.2	93	-0.05
23 T	Vinyl Acetate	0.746	0.855	-14.6	91	-0.04
24 P	1,1-Dichloroethane	0.776	0.836	-7.7	86	-0.05
25 T	2-Butanone	0.102	0.131	-28.4#	103	-0.03
26 T	2,2-Dichloropropane	0.823	0.836	-1.6	80	-0.04
27 T	cis-1,2-Dichloroethene	0.447	0.490	-9.6	89	-0.04
28 T	Bromochloromethane	0.273	0.309	-13.2	93	-0.04
29	Tetrahydrofuran	0.048	0.059	-22.9#	100	-0.04
30 C	Chloroform	0.944	1.102	-16.7#	93	-0.04
31 T	Cyclohexane	0.510	0.492	3.5	78	-0.04
32 T	1,1,1-Trichloroethane	0.983	1.115	-13.4	89	-0.03
33 S	1,2-Dichloroethane-d4	0.543	0.569	-4.8	91	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	-0.03
35 S	Dibromofluoromethane	0.422	0.412	2.4	89	-0.04
36 T	1,1-Dichloropropene	0.473	0.508	-7.4	87	-0.04
37 T	Ethyl Acetate	0.217	0.228	-5.1	96	-0.04
38 T	Carbon Tetrachloride	0.712	0.779	-9.4	90	-0.04
39 T	Methylcyclohexane	0.417	0.420	-0.7	82	-0.03
40 TM	Benzene	0.950	0.992	-4.4	85	-0.04
41 T	Methacrylonitrile	0.250	0.300	-20.0	100	-0.04
42 TM	1,2-Dichloroethane	0.518	0.637	-23.0#	98	-0.03
43 T	Isopropyl Acetate	0.248	0.299	-20.6#	95	-0.03
44 TM	Trichloroethene	0.372	0.414	-11.3	90	-0.03
45 C	1,2-Dichloropropane	0.236	0.261	-10.6#	92	-0.04

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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	0.203	0.247	-21.7#	102	-0.03
47 T	Bromodichloromethane	0.527	0.638	-21.1#	94	-0.03
48 T	Methyl methacrylate	0.176	0.217	-23.3#	106	-0.03
49 T	1,4-Dioxane	0.001	0.002	-100.0#	109	-0.04
50 S	Toluene-d8	0.918	0.930	-1.3	86	-0.03
51 T	4-Methyl-2-Pentanone	0.176	0.223	-26.7#	107	-0.03
52 CM	Toluene	0.639	0.731	-14.4#	93	-0.03
53 T	t-1,3-Dichloropropene	0.431	0.513	-19.0	98	-0.03
54 T	cis-1,3-Dichloropropene	0.469	0.540	-15.1	93	-0.03
55 T	1,1,2-Trichloroethane	0.219	0.261	-19.2	102	-0.03
56 T	Ethyl methacrylate	0.234	0.293	-25.2#	101	-0.03
57 T	1,3-Dichloropropane	0.336	0.422	-25.6#	103	-0.03
58 T	2-Chloroethyl Vinyl ether	0.120	0.128	-6.7	90	-0.03
59 T	2-Hexanone	0.125	0.168	-34.4#	109	-0.03
60 T	Dibromochloromethane	0.409	0.499	-22.0#	100	-0.03
61 T	1,2-Dibromoethane	0.259	0.331	-27.8#	105	-0.03
62 S	4-Bromofluorobenzene	0.417	0.456	-9.4	97	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.03
64 T	Tetrachloroethene	0.412	0.462	-12.1	99	-0.03
65 PM	Chlorobenzene	0.928	0.996	-7.3	90	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.434	0.479	-10.4	93	-0.02
67 C	Ethyl Benzene	1.666	1.742	-4.6#	92	-0.03
68 T	m/p-Xylenes	0.580	0.606	-4.5	87	-0.02
69 T	o-Xylene	0.530	0.578	-9.1	88	-0.02
70 T	Styrene	0.932	1.042	-11.8	93	-0.02
71 P	Bromoform	0.297	0.364	-22.6#	103	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	-0.02
73 T	Isopropylbenzene	3.206	3.074	4.1	83	-0.02
74 T	N-amyl acetate	0.779	0.964	-23.7#	100	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.522	0.651	-24.7#	112	-0.02
76 T	1,2,3-Trichloropropane	0.577	0.712	-23.4#	105	-0.02
77 T	Bromobenzene	0.862	1.004	-16.5	96	-0.02
78 T	n-propylbenzene	3.731	3.980	-6.7	95	-0.02
79 T	2-Chlorotoluene	2.132	2.445	-14.7	99	-0.02
80 T	1,3,5-Trimethylbenzene	2.693	3.133	-16.3	102	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.151	0.182	-20.5#	103	-0.02
82 T	4-Chlorotoluene	2.567	2.984	-16.2	102	-0.02
83 T	tert-Butylbenzene	3.002	3.019	-0.6	86	-0.02
84 T	1,2,4-Trimethylbenzene	2.760	2.911	-5.5	88	-0.02
85 T	sec-Butylbenzene	3.262	3.386	-3.8	91	-0.02
86 T	p-Isopropyltoluene	2.984	3.181	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	1.546	1.782	-15.3	98	-0.02
88 T	1,4-Dichlorobenzene	1.553	1.659	-6.8	91	-0.02
89 T	n-Butylbenzene	2.793	2.834	-1.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.859	-7.1	88	-0.02
91 T	1,2-Dichlorobenzene	1.322	1.479	-11.9	97	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.126	-23.5#	102	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.173	-13.6	101	-0.02
94 T	Hexachlorobutadiene	0.789	0.867	-9.9	95	0.00
95 T	Naphthalene	1.448	1.729	-19.4	99	-0.02
96 T	1,2,3-Trichlorobenzene	0.794	0.935	-17.8	102	-0.02

(#) = Out of Range

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