

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF042619\
 Data File : VF062312.D
 Acq On : 26 Apr 2019 19:17
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:21:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 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	75	0.02
2 T	Dichlorodifluoromethane	0.594	0.633	-6.6	90	0.00
3 P	Chloromethane	0.501	0.474	5.4	80	0.00
4 C	Vinyl Chloride	0.474	0.465	1.9#	83	0.00
5 T	Bromomethane	0.322	0.361	-12.1	89	0.00
6 T	Chloroethane	0.208	0.236	-13.5	88	0.00
7 T	Trichlorofluoromethane	0.753	0.937	-24.4#	101	0.01
8 T	Diethyl Ether	0.136	0.148	-8.8	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.547	-15.6	97	0.01
10 T	Methyl Iodide	0.826	0.924	-11.9	93	0.01
11 T	Tert butyl alcohol	0.024	0.029	-20.8#	96	0.02
12 CM	1,1-Dichloroethene	0.422	0.468	-10.9#	89	0.01
13 T	Acrolein	0.020	0.025	-25.0#	78	0.01
14 T	Allyl chloride	0.459	0.515	-12.2	96	0.01
15 T	Acrylonitrile	0.068	0.075	-10.3	84	0.02
16 T	Acetone	0.091	0.108	-18.7	97	0.02
17 T	Carbon Disulfide	1.110	1.159	-4.4	87	0.00
18 T	Methyl Acetate	0.193	0.196	-1.6	97	0.02
19 T	Methyl tert-butyl Ether	0.804	0.938	-16.7	90	0.02
20 T	Methylene Chloride	0.497	0.435	12.5	90	0.01
21 T	trans-1,2-Dichloroethene	0.417	0.452	-8.4	92	0.01
22 T	Diisopropyl ether	1.236	1.336	-8.1	92	0.01
23 T	Vinyl Acetate	0.548	0.598	-9.1	88	0.02
24 P	1,1-Dichloroethane	0.705	0.832	-18.0	98	0.02
25 T	2-Butanone	0.144	0.157	-9.0	92	0.02
26 T	2,2-Dichloropropane	0.366	0.418	-14.2	92	0.03
27 T	cis-1,2-Dichloroethene	0.528	0.559	-5.9	87	0.02
28 T	Bromochloromethane	0.297	0.278	6.4	71	0.02
29 T	Tetrahydrofuran	0.063	0.066	-4.8	86	0.03
30 C	Chloroform	0.886	1.038	-17.2#	95	0.03
31 T	Cyclohexane	0.671	0.678	-1.0	82	0.03
32 T	1,1,1-Trichloroethane	0.695	0.658	5.3	76	0.02
33 S	1,2-Dichloroethane-d4	0.405	0.435	-7.4	81	0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.02
35 S	Dibromofluoromethane	0.371	0.361	2.7	74	0.02
36 T	1,1-Dichloropropene	0.461	0.519	-12.6	93	0.02
37 T	Ethyl Acetate	0.194	0.206	-6.2	92	0.03
38 T	Carbon Tetrachloride	0.469	0.520	-10.9	100	0.03
39 T	Methylcyclohexane	0.538	0.574	-6.7	88	0.02
40 TM	Benzene	1.114	1.127	-1.2	87	0.03
41 T	Methacrylonitrile	0.108	0.116	-7.4	87	0.03
42 TM	1,2-Dichloroethane	0.353	0.434	-22.9#	102	0.03
43 T	Isopropyl Acetate	0.210	0.202	3.8	90	0.03
44 TM	Trichloroethene	0.377	0.400	-6.1	91	0.03
45 C	1,2-Dichloropropane	0.251	0.272	-8.4#	95	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.181	0.210	-16.0	97	0.03
47 T	Bromodichloromethane	0.427	0.499	-16.9	100	0.02
48 T	Methyl methacrylate	0.142	0.142	0.0	90	0.03
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.02
50 S	Toluene-d8	0.906	0.844	6.8	73	0.02
51 T	4-Methyl-2-Pentanone	0.153	0.156	-2.0	91	0.02
52 CM	Toluene	0.643	0.644	-0.2#	88	0.02
53 T	t-1,3-Dichloropropene	0.314	0.329	-4.8	91	0.03
54 T	cis-1,3-Dichloropropene	0.402	0.430	-7.0	91	0.03
55 T	1,1,2-Trichloroethane	0.183	0.195	-6.6	93	0.02
56 T	Ethyl methacrylate	0.201	0.207	-3.0	91	0.02
57 T	1,3-Dichloropropane	0.287	0.304	-5.9	93	0.03
58 T	2-Chloroethyl Vinyl ether	0.061	0.050	18.0	66	0.03
59 T	2-Hexanone	0.106	0.101	4.7	93	0.02
60 T	Dibromochloromethane	0.296	0.335	-13.2	96	0.03
61 T	1,2-Dibromoethane	0.211	0.225	-6.6	90	0.02
62 S	4-Bromofluorobenzene	0.373	0.337	9.7	75	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.02
64 T	Tetrachloroethene	0.418	0.477	-14.1	94	0.03
65 PM	Chlorobenzene	0.914	1.010	-10.5	93	0.03
66 T	1,1,1,2-Tetrachloroethane	0.430	0.495	-15.1	94	0.03
67 C	Ethyl Benzene	1.588	1.734	-9.2#	93	0.03
68 T	m/p-Xylenes	0.591	0.614	-3.9	88	0.03
69 T	o-Xylene	0.661	0.702	-6.2	87	0.02
70 T	Styrene	0.955	0.977	-2.3	87	0.02
71 P	Bromoform	0.242	0.270	-11.6	90	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.01
73 T	Isopropylbenzene	3.426	3.831	-11.8	89	0.02
74 T	N-amyl acetate	0.789	0.798	-1.1	93	0.01
75 P	1,1,2,2-Tetrachloroethane	0.544	0.592	-8.8	85	0.02
76 T	1,2,3-Trichloropropane	0.386	0.426	-10.4	90	0.02
77 T	Bromobenzene	0.856	0.982	-14.7	93	0.02
78 T	n-propylbenzene	3.605	3.834	-6.4	88	0.01
79 T	2-Chlorotoluene	2.171	2.410	-11.0	91	0.02
80 T	1,3,5-Trimethylbenzene	2.892	3.224	-11.5	90	0.02
81 T	trans-1,4-Dichloro-2-butene	0.173	0.171	1.2	93	0.01
82 T	4-Chlorotoluene	2.148	2.364	-10.1	89	0.02
83 T	tert-Butylbenzene	2.968	3.433	-15.7	95	0.01
84 T	1,2,4-Trimethylbenzene	2.801	3.011	-7.5	91	0.01
85 T	sec-Butylbenzene	3.697	4.172	-12.8	92	0.02
86 T	p-Isopropyltoluene	3.314	3.746	-13.0	95	0.02
87 T	1,3-Dichlorobenzene	1.515	1.678	-10.8	97	0.02
88 T	1,4-Dichlorobenzene	1.437	1.601	-11.4	94	0.02
89 T	n-Butylbenzene	3.011	3.252	-8.0	93	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.831	0.965	-16.1	92	0.02
91 T	1,2-Dichlorobenzene	1.454	1.609	-10.7	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.129	-17.3	93	0.01
93 T	1,2,4-Trichlorobenzene	1.278	1.451	-13.5	94	0.01
94 T	Hexachlorobutadiene	0.919	1.112	-21.0#	98	0.01
95 T	Naphthalene	1.979	2.418	-22.2#	98	0.01
96 T	1,2,3-Trichlorobenzene	1.208	1.464	-21.2#	99	0.02

(#) = Out of Range

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