

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
 Data File : VF062286.D
 Acq On : 24 Apr 2019 17:42
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF042419

Quant Time: Apr 25 08:53:08 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	97	-0.01
2 T	Dichlorodifluoromethane	0.594	0.605	-1.9	111	0.00
3 P	Chloromethane	0.501	0.519	-3.6	114	0.00
4 C	Vinyl Chloride	0.474	0.487	-2.7#	113	0.00
5 T	Bromomethane	0.322	0.338	-5.0	109	0.00
6 T	Chloroethane	0.208	0.230	-10.6	111	-0.01
7 T	Trichlorofluoromethane	0.753	0.808	-7.3	113	0.00
8 T	Diethyl Ether	0.136	0.142	-4.4	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.507	-7.2	117	0.00
10 T	Methyl Iodide	0.826	0.859	-4.0	112	-0.01
11 T	Tert butyl alcohol	0.024	0.026	-8.3	110	0.00
12 CM	1,1-Dichloroethene	0.422	0.449	-6.4#	110	0.00
13 T	Acrolein	0.020	0.023	-15.0	95	0.00
14 T	Allyl chloride	0.459	0.439	4.4	107	0.00
15 T	Acrylonitrile	0.068	0.067	1.5	97	0.00
16 T	Acetone	0.091	0.109	-19.8	126	0.00
17 T	Carbon Disulfide	1.110	1.144	-3.1	112	0.00
18 T	Methyl Acetate	0.193	0.189	2.1	121	0.00
19 T	Methyl tert-butyl Ether	0.804	0.872	-8.5	109	0.00
20 T	Methylene Chloride	0.497	0.404	18.7	109	-0.01
21 T	trans-1,2-Dichloroethene	0.417	0.423	-1.4	111	0.00
22 T	Diisopropyl ether	1.236	1.297	-4.9	116	-0.01
23 T	Vinyl Acetate	0.548	0.600	-9.5	115	0.00
24 P	1,1-Dichloroethane	0.705	0.732	-3.8	113	0.00
25 T	2-Butanone	0.144	0.157	-9.0	119	0.00
26 T	2,2-Dichloropropane	0.366	0.371	-1.4	107	0.00
27 T	cis-1,2-Dichloroethene	0.528	0.563	-6.6	114	0.00
28 T	Bromochloromethane	0.297	0.293	1.3	98	0.00
29 T	Tetrahydrofuran	0.063	0.064	-1.6	108	0.00
30 C	Chloroform	0.886	0.968	-9.3#	115	0.00
31 T	Cyclohexane	0.671	0.715	-6.6	112	0.00
32 T	1,1,1-Trichloroethane	0.695	0.583	16.1	88	-0.01
33 S	1,2-Dichloroethane-d4	0.405	0.422	-4.2	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.01
35 S	Dibromofluoromethane	0.371	0.369	0.5	95	0.00
36 T	1,1-Dichloropropene	0.461	0.486	-5.4	109	-0.01
37 T	Ethyl Acetate	0.194	0.202	-4.1	113	0.00
38 T	Carbon Tetrachloride	0.469	0.451	3.8	109	0.00
39 T	Methylcyclohexane	0.538	0.555	-3.2	106	-0.01
40 TM	Benzene	1.114	1.222	-9.7	118	0.00
41 T	Methacrylonitrile	0.108	0.120	-11.1	113	0.00
42 TM	1,2-Dichloroethane	0.353	0.400	-13.3	118	0.00
43 T	Isopropyl Acetate	0.210	0.206	1.9	115	0.00
44 TM	Trichloroethene	0.377	0.379	-0.5	108	0.00
45 C	1,2-Dichloropropane	0.251	0.271	-8.0#	118	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.181	0.197	-8.8	114	0.00
47 T	Bromodichloromethane	0.427	0.466	-9.1	117	-0.01
48 T	Methyl methacrylate	0.142	0.148	-4.2	118	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	117	0.00
50 S	Toluene-d8	0.906	0.900	0.7	98	0.00
51 T	4-Methyl-2-Pentanone	0.153	0.157	-2.6	115	0.00
52 CM	Toluene	0.643	0.642	0.2#	109	0.00
53 T	t-1,3-Dichloropropene	0.314	0.332	-5.7	115	0.00
54 T	cis-1,3-Dichloropropene	0.402	0.414	-3.0	110	0.00
55 T	1,1,2-Trichloroethane	0.183	0.194	-6.0	115	0.00
56 T	Ethyl methacrylate	0.201	0.211	-5.0	116	0.00
57 T	1,3-Dichloropropane	0.287	0.288	-0.3	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.061	0.059	3.3	96	0.00
59 T	2-Hexanone	0.106	0.103	2.8	119	0.00
60 T	Dibromochloromethane	0.296	0.314	-6.1	112	0.00
61 T	1,2-Dibromoethane	0.211	0.225	-6.6	113	0.00
62 S	4-Bromofluorobenzene	0.373	0.357	4.3	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.418	0.438	-4.8	111	0.00
65 PM	Chlorobenzene	0.914	0.982	-7.4	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.448	-4.2	109	0.00
67 C	Ethyl Benzene	1.588	1.633	-2.8#	112	0.00
68 T	m/p-Xylenes	0.591	0.613	-3.7	113	0.00
69 T	o-Xylene	0.661	0.686	-3.8	110	0.00
70 T	Styrene	0.955	0.928	2.8	106	0.00
71 P	Bromoform	0.242	0.244	-0.8	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.426	3.615	-5.5	107	0.00
74 T	N-amyl acetate	0.789	0.745	5.6	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.544	0.592	-8.8	108	0.00
76 T	1,2,3-Trichloropropane	0.386	0.400	-3.6	108	0.00
77 T	Bromobenzene	0.856	0.892	-4.2	108	0.00
78 T	n-propylbenzene	3.605	3.587	0.5	105	0.00
79 T	2-Chlorotoluene	2.171	2.306	-6.2	111	0.00
80 T	1,3,5-Trimethylbenzene	2.892	2.980	-3.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.182	-5.2	126	0.00
82 T	4-Chlorotoluene	2.148	2.158	-0.5	104	0.00
83 T	tert-Butylbenzene	2.968	3.202	-7.9	113	0.00
84 T	1,2,4-Trimethylbenzene	2.801	2.846	-1.6	110	0.00
85 T	sec-Butylbenzene	3.697	4.004	-8.3	112	0.00
86 T	p-Isopropyltoluene	3.314	3.469	-4.7	112	0.00
87 T	1,3-Dichlorobenzene	1.515	1.533	-1.2	113	0.00
88 T	1,4-Dichlorobenzene	1.437	1.489	-3.6	111	0.00
89 T	n-Butylbenzene	3.011	3.110	-3.3	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.831	0.925	-11.3	113	0.00
91 T	1,2-Dichlorobenzene	1.454	1.508	-3.7	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.123	-11.8	114	0.00
93 T	1,2,4-Trichlorobenzene	1.278	1.328	-3.9	110	0.00
94 T	Hexachlorobutadiene	0.919	0.998	-8.6	112	0.00
95 T	Naphthalene	1.979	2.168	-9.6	112	0.00
96 T	1,2,3-Trichlorobenzene	1.208	1.307	-8.2	113	0.00

(#) = Out of Range

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