

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011519\
 Data File : VF061411.D
 Acq On : 15 Jan 2019 17:50
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF011519

Quant Time: Jan 16 05:52:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	0.982	0.937	4.6	101	0.00
3 P	Chloromethane	0.720	0.691	4.0	112	0.00
4 C	Vinyl Chloride	0.641	0.606	5.5#	109	0.00
5 T	Bromomethane	0.418	0.422	-1.0	107	0.00
6 T	Chloroethane	0.284	0.296	-4.2	105	-0.01
7 T	Trichlorofluoromethane	1.246	1.167	6.3	105	0.00
8 T	Diethyl Ether	0.160	0.149	6.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.599	0.572	4.5	109	-0.01
10 T	Methyl Iodide	0.928	0.946	-1.9	110	-0.01
11 T	Tert butyl alcohol	0.026	0.026	0.0	112	0.00
12 CM	1,1-Dichloroethene	0.445	0.478	-7.4#	121	-0.01
13 T	Acrolein	0.022	0.025	-13.6	117	0.00
14 T	Allyl chloride	0.699	0.782	-11.9	154#	0.00
15 T	Acrylonitrile	0.067	0.066	1.5	118	0.00
16 T	Acetone	0.124	0.108	12.9	97	0.00
17 T	Carbon Disulfide	1.387	1.464	-5.6	117	-0.01
18 T	Methyl Acetate	0.246	0.242	1.6	114	0.00
19 T	Methyl tert-butyl Ether	0.997	0.957	4.0	104	0.00
20 T	Methylene Chloride	0.477	0.452	5.2	119	0.00
21 T	trans-1,2-Dichloroethene	0.489	0.492	-0.6	118	0.00
22 T	Diisopropyl ether	1.583	1.626	-2.7	111	0.00
23 T	Vinyl Acetate	0.640	0.799	-24.8	112	0.00
24 P	1,1-Dichloroethane	0.993	0.995	-0.2	109	0.00
25 T	2-Butanone	0.206	0.200	2.9	108	0.00
26 T	2,2-Dichloropropane	0.610	0.541	11.3	107	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.723	-0.1	108	0.00
28 T	Bromochloromethane	0.446	0.459	-2.9	119	0.00
29	Tetrahydrofuran	0.089	0.084	5.6	100	0.00
30 C	Chloroform	1.340	1.295	3.4#	103	0.00
31 T	Cyclohexane	0.992	1.069	-7.8	122	0.00
32 T	1,1,1-Trichloroethane	0.983	0.961	2.2	125	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.579	6.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.395	0.379	4.1	103	0.00
36 T	1,1-Dichloropropene	0.580	0.578	0.3	107	0.00
37 T	Ethyl Acetate	0.232	0.229	1.3	108	0.02
38 T	Carbon Tetrachloride	0.507	0.451	11.0	104	0.00
39 T	Methylcyclohexane	0.628	0.663	-5.6	126	0.00
40 TM	Benzene	1.290	1.267	1.8	112	0.00
41 T	Methacrylonitrile	0.123	0.111	9.8	102	0.00
42 TM	1,2-Dichloroethane	0.460	0.444	3.5	100	0.00
43 T	Isopropyl Acetate	0.291	0.306	-5.2	112	0.00
44 TM	Trichloroethene	0.396	0.401	-1.3	110	0.00
45 C	1,2-Dichloropropane	0.339	0.341	-0.6#	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.222	1.3	101	0.00
47 T	Bromodichloromethane	0.557	0.553	0.7	106	0.00
48 T	Methyl methacrylate	0.195	0.188	3.6	101	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	101	0.00
50 S	Toluene-d8	1.081	1.144	-5.8	116	0.00
51 T	4-Methyl-2-Pentanone	0.214	0.212	0.9	108	0.00
52 CM	Toluene	0.850	0.817	3.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.442	0.449	-1.6	105	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.596	-7.8	106	0.00
55 T	1,1,2-Trichloroethane	0.241	0.252	-4.6	109	0.00
56 T	Ethyl methacrylate	0.281	0.278	1.1	105	0.00
57 T	1,3-Dichloropropane	0.452	0.433	4.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.023	0.032	-39.1#	115	0.00
59 T	2-Hexanone	0.149	0.144	3.4	104	0.00
60 T	Dibromochloromethane	0.353	0.348	1.4	101	0.00
61 T	1,2-Dibromoethane	0.276	0.266	3.6	100	0.00
62 S	4-Bromofluorobenzene	0.505	0.470	6.9	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.376	0.373	0.8	102	0.00
65 PM	Chlorobenzene	1.017	1.040	-2.3	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.400	1.2	106	0.00
67 C	Ethyl Benzene	1.858	1.840	1.0#	110	0.00
68 T	m/p-Xylenes	0.668	0.633	5.2	104	0.00
69 T	o-Xylene	0.724	0.742	-2.5	112	0.00
70 T	Styrene	0.991	0.943	4.8	109	0.00
71 P	Bromoform	0.182	0.178	2.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	4.067	4.309	-6.0	104	0.00
74 T	N-amyl acetate	0.962	1.047	-8.8	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.724	0.732	-1.1	102	0.00
76 T	1,2,3-Trichloropropane	0.521	0.518	0.6	99	0.00
77 T	Bromobenzene	0.859	0.940	-9.4	106	0.00
78 T	n-propylbenzene	4.884	5.002	-2.4	104	0.00
79 T	2-Chlorotoluene	2.822	2.912	-3.2	105	0.00
80 T	1,3,5-Trimethylbenzene	3.282	3.388	-3.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.218	3.5	87	0.00
82 T	4-Chlorotoluene	2.847	2.913	-2.3	104	0.00
83 T	tert-Butylbenzene	3.397	3.628	-6.8	106	0.00
84 T	1,2,4-Trimethylbenzene	3.380	3.439	-1.7	105	0.00
85 T	sec-Butylbenzene	4.613	4.803	-4.1	102	0.00
86 T	p-Isopropyltoluene	3.787	3.940	-4.0	106	0.00
87 T	1,3-Dichlorobenzene	1.697	1.683	0.8	105	0.00
88 T	1,4-Dichlorobenzene	1.623	1.684	-3.8	103	0.00
89 T	n-Butylbenzene	3.905	4.019	-2.9	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.893	0.955	-6.9	105	0.00
91 T	1,2-Dichlorobenzene	1.607	1.612	-0.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.133	-3.9	99	0.00
93 T	1,2,4-Trichlorobenzene	1.125	1.152	-2.4	102	0.00
94 T	Hexachlorobutadiene	0.698	0.736	-5.4	104	0.00
95 T	Naphthalene	2.138	2.285	-6.9	102	0.00
96 T	1,2,3-Trichlorobenzene	1.042	1.124	-7.9	105	0.00

(#) = Out of Range

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