

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112618\
 Data File : VF060833.D
 Acq On : 26 Nov 2018 20:26
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF112618

Quant Time: Nov 27 02:11:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 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	106	0.00
2 T	Dichlorodifluoromethane	0.748	0.674	9.9	97	0.00
3 P	Chloromethane	0.486	0.462	4.9	112	0.00
4 C	Vinyl Chloride	0.454	0.437	3.7#	105	0.00
5 T	Bromomethane	0.320	0.318	0.6	102	0.00
6 T	Chloroethane	0.196	0.197	-0.5	102	0.00
7 T	Trichlorofluoromethane	0.974	0.936	3.9	99	0.00
8 T	Diethyl Ether	0.140	0.127	9.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.466	5.3	100	0.00
10 T	Methyl Iodide	0.748	0.747	0.1	105	0.00
11 T	Tert butyl alcohol	0.024	0.023	4.2	95	0.02
12 CM	1,1-Dichloroethene	0.396	0.359	9.3#	97	0.00
13 T	Acrolein	0.023	0.023	0.0	97	0.00
14 T	Allyl chloride	0.493	0.530	-7.5	101	0.00
15 T	Acrylonitrile	0.054	0.055	-1.9	107	0.00
16 T	Acetone	0.109	0.100	8.3	95	0.00
17 T	Carbon Disulfide	1.062	1.013	4.6	105	0.00
18 T	Methyl Acetate	0.199	0.189	5.0	112	0.00
19 T	Methyl tert-butyl Ether	0.892	0.887	0.6	104	0.00
20 T	Methylene Chloride	0.398	0.363	8.8	102	0.00
21 T	trans-1,2-Dichloroethene	0.382	0.379	0.8	103	0.00
22 T	Diisopropyl ether	1.343	1.325	1.3	103	0.00
23 T	Vinyl Acetate	0.614	0.650	-5.9	110	0.00
24 P	1,1-Dichloroethane	0.799	0.800	-0.1	101	0.00
25 T	2-Butanone	0.188	0.176	6.4	97	0.00
26 T	2,2-Dichloropropane	0.518	0.478	7.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.621	0.581	6.4	99	0.00
28 T	Bromochloromethane	0.384	0.378	1.6	110	0.00
29	Tetrahydrofuran	0.080	0.068	15.0	93	0.00
30 C	Chloroform	1.230	1.108	9.9#	96	0.00
31 T	Cyclohexane	0.829	0.776	6.4	104	0.00
32 T	1,1,1-Trichloroethane	0.853	0.830	2.7	96	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.613	-4.1	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.397	0.408	-2.8	106	0.00
36 T	1,1-Dichloropropene	0.555	0.529	4.7	99	0.00
37 T	Ethyl Acetate	0.225	0.213	5.3	100	0.00
38 T	Carbon Tetrachloride	0.490	0.472	3.7	92	0.00
39 T	Methylcyclohexane	0.581	0.572	1.5	102	0.00
40 TM	Benzene	1.225	1.120	8.6	97	0.00
41 T	Methacrylonitrile	0.133	0.129	3.0	113	0.00
42 TM	1,2-Dichloroethane	0.447	0.424	5.1	93	0.00
43 T	Isopropyl Acetate	0.307	0.290	5.5	103	0.00
44 TM	Trichloroethene	0.401	0.357	11.0	95	0.00
45 C	1,2-Dichloropropane	0.318	0.331	-4.1#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.216	0.218	-0.9	101	0.00
47 T	Bromodichloromethane	0.573	0.561	2.1	98	0.00
48 T	Methyl methacrylate	0.204	0.207	-1.5	104	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	91	-0.01
50 S	Toluene-d8	1.168	1.286	-10.1	114	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.201	3.4	104	0.00
52 CM	Toluene	0.861	0.801	7.0#	105	0.00
53 T	t-1,3-Dichloropropene	0.466	0.453	2.8	101	0.00
54 T	cis-1,3-Dichloropropene	0.577	0.587	-1.7	102	0.00
55 T	1,1,2-Trichloroethane	0.251	0.252	-0.4	105	0.00
56 T	Ethyl methacrylate	0.279	0.283	-1.4	98	0.00
57 T	1,3-Dichloropropane	0.439	0.438	0.2	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.028	0.028	0.0	107	0.00
59 T	2-Hexanone	0.146	0.151	-3.4	112	0.00
60 T	Dibromochloromethane	0.374	0.355	5.1	96	0.00
61 T	1,2-Dibromoethane	0.271	0.278	-2.6	106	0.00
62 S	4-Bromofluorobenzene	0.531	0.574	-8.1	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.382	0.361	5.5	105	0.00
65 PM	Chlorobenzene	0.973	0.947	2.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.418	0.382	8.6	96	0.00
67 C	Ethyl Benzene	1.811	1.764	2.6#	101	0.00
68 T	m/p-Xylenes	0.651	0.599	8.0	100	0.00
69 T	o-Xylene	0.718	0.703	2.1	104	0.00
70 T	Styrene	0.996	0.928	6.8	99	0.00
71 P	Bromoform	0.202	0.190	5.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.951	3.985	-0.9	101	0.00
74 T	N-amyl acetate	0.912	1.026	-12.5	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.676	-4.0	103	0.00
76 T	1,2,3-Trichloropropane	0.473	0.491	-3.8	104	0.00
77 T	Bromobenzene	0.866	0.858	0.9	95	0.00
78 T	n-propylbenzene	4.627	4.690	-1.4	102	0.00
79 T	2-Chlorotoluene	2.653	2.709	-2.1	103	0.00
80 T	1,3,5-Trimethylbenzene	3.208	3.135	2.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.232	0.210	9.5	92	0.00
82 T	4-Chlorotoluene	2.792	2.708	3.0	101	0.00
83 T	tert-Butylbenzene	3.267	3.132	4.1	98	0.00
84 T	1,2,4-Trimethylbenzene	3.201	3.085	3.6	94	0.00
85 T	sec-Butylbenzene	4.473	4.497	-0.5	103	0.00
86 T	p-Isopropyltoluene	3.750	3.674	2.0	102	0.00
87 T	1,3-Dichlorobenzene	1.648	1.594	3.3	99	0.00
88 T	1,4-Dichlorobenzene	1.606	1.580	1.6	100	0.00
89 T	n-Butylbenzene	3.792	3.572	5.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.903	0.917	-1.6	99	0.00
91 T	1,2-Dichlorobenzene	1.560	1.514	2.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.125	0.8	98	0.00
93 T	1,2,4-Trichlorobenzene	1.090	1.127	-3.4	104	0.00
94 T	Hexachlorobutadiene	0.727	0.750	-3.2	105	0.00
95 T	Naphthalene	2.404	2.319	3.5	108	0.00
96 T	1,2,3-Trichlorobenzene	1.012	1.078	-6.5	106	0.00

(#) = Out of Range

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