

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051619\
 Data File : VF062628.D
 Acq On : 16 May 2019 16:15
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICSVF051619

Quant Time: May 17 06:24:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	104	-0.01
2 T	Dichlorodifluoromethane	0.680	0.619	9.0	93	0.00
3 P	Chloromethane	0.627	0.564	10.0	87	0.00
4 C	Vinyl Chloride	0.577	0.552	4.3#	90	0.00
5 T	Bromomethane	0.315	0.324	-2.9	99	0.00
6 T	Chloroethane	0.212	0.208	1.9	86	0.02
7 T	Trichlorofluoromethane	0.774	0.757	2.2	91	0.02
8 T	Diethyl Ether	0.153	0.148	3.3	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.472	4.3	91	0.00
10 T	Methyl Iodide	0.969	0.951	1.9	94	0.02
11 T	Tert butyl alcohol	0.023	0.022	4.3	97	0.00
12 CM	1,1-Dichloroethene	0.449	0.445	0.9#	95	0.00
13 T	Acrolein	0.024	0.021	12.5	81	0.00
14 T	Allyl chloride	0.407	0.385	5.4	88	0.00
15 T	Acrylonitrile	0.066	0.074	-12.1	120	0.00
16 T	Acetone	0.092	0.084	8.7	85	0.00
17 T	Carbon Disulfide	1.331	1.324	0.5	92	0.00
18 T	Methyl Acetate	0.144	0.129	10.4	93	0.00
19 T	Methyl tert-butyl Ether	0.803	0.769	4.2	91	0.00
20 T	Methylene Chloride	0.459	0.431	6.1	96	0.00
21 T	trans-1,2-Dichloroethene	0.439	0.437	0.5	95	0.00
22 T	Diisopropyl ether	1.003	1.004	-0.1	101	0.00
23 T	Vinyl Acetate	0.676	0.667	1.3	96	0.00
24 P	1,1-Dichloroethane	0.736	0.737	-0.1	97	0.00
25 T	2-Butanone	0.196	0.185	5.6	89	0.00
26 T	2,2-Dichloropropane	0.421	0.391	7.1	89	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.705	2.4	96	0.00
28 T	Bromochloromethane	0.413	0.343	16.9	93	0.00
29	Tetrahydrofuran	0.079	0.076	3.8	100	0.00
30 C	Chloroform	1.021	0.976	4.4#	92	0.00
31 T	Cyclohexane	0.988	0.951	3.7	92	0.00
32 T	1,1,1-Trichloroethane	0.678	0.669	1.3	93	0.00
33 S	1,2-Dichloroethane-d4	0.353	0.333	5.7	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	-0.01
35 S	Dibromofluoromethane	0.383	0.362	5.5	100	0.00
36 T	1,1-Dichloropropene	0.512	0.516	-0.8	96	0.00
37 T	Ethyl Acetate	0.209	0.199	4.8	100	0.00
38 T	Carbon Tetrachloride	0.385	0.346	10.1	77	-0.01
39 T	Methylcyclohexane	0.616	0.601	2.4	90	0.00
40 TM	Benzene	1.396	1.395	0.1	98	0.00
41 T	Methacrylonitrile	0.110	0.113	-2.7	101	0.00
42 TM	1,2-Dichloroethane	0.278	0.278	0.0	94	0.00
43 T	Isopropyl Acetate	0.271	0.236	12.9	91	0.00
44 TM	Trichloroethene	0.392	0.385	1.8	94	0.00
45 C	1,2-Dichloropropane	0.352	0.347	1.4#	93	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.204	0.199	2.5	96	0.00
47 T	Bromodichloromethane	0.423	0.416	1.7	94	-0.01
48 T	Methyl methacrylate	0.142	0.134	5.6	92	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	0.914	0.874	4.4	101	0.00
51 T	4-Methyl-2-Pentanone	0.185	0.171	7.6	99	0.00
52 CM	Toluene	0.732	0.739	-1.0#	100	0.00
53 T	t-1,3-Dichloropropene	0.346	0.349	-0.9	97	0.00
54 T	cis-1,3-Dichloropropene	0.484	0.489	-1.0	98	-0.01
55 T	1,1,2-Trichloroethane	0.217	0.210	3.2	99	0.00
56 T	Ethyl methacrylate	0.258	0.244	5.4	102	0.00
57 T	1,3-Dichloropropane	0.369	0.354	4.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.084	0.085	-1.2	101	0.00
59 T	2-Hexanone	0.135	0.120	11.1	95	-0.01
60 T	Dibromochloromethane	0.282	0.293	-3.9	100	-0.01
61 T	1,2-Dibromoethane	0.230	0.233	-1.3	102	0.00
62 S	4-Bromofluorobenzene	0.346	0.323	6.6	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.396	0.404	-2.0	100	0.00
65 PM	Chlorobenzene	0.982	1.005	-2.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.401	-1.8	96	-0.01
67 C	Ethyl Benzene	1.706	1.731	-1.5#	99	0.00
68 T	m/p-Xylenes	0.641	0.654	-2.0	96	-0.01
69 T	o-Xylene	0.660	0.680	-3.0	100	0.00
70 T	Styrene	1.004	0.980	2.4	95	0.00
71 P	Bromoform	0.197	0.203	-3.0	103	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.584	3.518	1.8	100	0.00
74 T	N-amyl acetate	1.106	0.847	23.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.666	9.0	92	0.00
76 T	1,2,3-Trichloropropane	0.481	0.446	7.3	92	-0.01
77 T	Bromobenzene	0.891	0.839	5.8	91	0.00
78 T	n-propylbenzene	4.241	3.998	5.7	93	-0.01
79 T	2-Chlorotoluene	2.390	2.322	2.8	98	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.780	3.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.208	2.8	94	-0.01
82 T	4-Chlorotoluene	2.357	2.251	4.5	93	0.00
83 T	tert-Butylbenzene	2.915	2.873	1.4	96	0.00
84 T	1,2,4-Trimethylbenzene	2.781	2.687	3.4	96	0.00
85 T	sec-Butylbenzene	3.912	3.958	-1.2	101	0.00
86 T	p-Isopropyltoluene	3.297	3.326	-0.9	101	0.00
87 T	1,3-Dichlorobenzene	1.612	1.577	2.2	97	0.00
88 T	1,4-Dichlorobenzene	1.512	1.481	2.1	98	0.00
89 T	n-Butylbenzene	3.251	3.004	7.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.791	0.799	-1.0	95	0.00
91 T	1,2-Dichlorobenzene	1.437	1.371	4.6	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.089	-2.3	102	0.00
93 T	1,2,4-Trichlorobenzene	1.028	1.029	-0.1	102	0.00
94 T	Hexachlorobutadiene	0.718	0.736	-2.5	102	0.00
95 T	Naphthalene	1.868	1.751	6.3	99	0.00
96 T	1,2,3-Trichlorobenzene	0.974	0.970	0.4	99	0.00

(#) = Out of Range

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