

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY012120\
 Data File : VY001326.D
 Acq On : 21 Jan 2020 17:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Quant Time: Jan 21 17:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:48:50 2020
 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	96	0.00
2 T	Dichlorodifluoromethane	0.394	0.393	0.3	95	0.00
3 P	Chloromethane	0.596	0.595	0.2	99	-0.01
4 C	Vinyl Chloride	0.621	0.625	-0.6#	97	0.00
5 T	Bromomethane	0.418	0.436	-4.3	105	-0.01
6 T	Chloroethane	0.397	0.405	-2.0	99	0.00
7 T	Trichlorofluoromethane	0.795	0.779	2.0	95	-0.02
8 T	Diethyl Ether	0.336	0.340	-1.2	100	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.509	-0.6	96	-0.02
10 T	Methyl Iodide	0.668	0.677	-1.3	92	-0.01
11 T	Tert butyl alcohol	0.083	0.061	26.5#	89	-0.02
12 CM	1,1-Dichloroethene	0.531	0.521	1.9#	96	-0.02
13 T	Acrolein	0.045	0.036	20.0	95	-0.02
14 T	Allyl chloride	0.947	0.993	-4.9	102	-0.02
15 T	Acrylonitrile	0.172	0.179	-4.1	102	-0.02
16 T	Acetone	0.157	0.145	7.6	94	-0.02
17 T	Carbon Disulfide	1.670	1.696	-1.6	100	-0.01
18 T	Methyl Acetate	0.459	0.453	1.3	102	-0.02
19 T	Methyl tert-butyl Ether	1.554	1.612	-3.7	101	-0.02
20 T	Methylene Chloride	0.838	0.717	14.4	105	-0.02
21 T	trans-1,2-Dichloroethene	0.617	0.626	-1.5	99	-0.02
22 T	Diisopropyl ether	2.010	2.126	-5.8	104	-0.01
23 T	Vinyl Acetate	1.305	1.383	-6.0	103	-0.01
24 P	1,1-Dichloroethane	1.060	1.107	-4.4	102	-0.02
25 T	2-Butanone	0.237	0.239	-0.8	100	-0.01
26 T	2,2-Dichloropropane	0.944	0.933	1.2	99	0.00
27 T	cis-1,2-Dichloroethene	0.689	0.718	-4.2	102	-0.01
28 T	Bromochloromethane	0.437	0.519	-18.8	111	-0.01
29 T	Tetrahydrofuran	0.154	0.157	-1.9	100	-0.01
30 C	Chloroform	1.039	1.080	-3.9#	103	0.00
31 T	Cyclohexane	1.052	1.008	4.2	97	-0.01
32 T	1,1,1-Trichloroethane	0.877	0.894	-1.9	99	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.572	-5.1	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.293	0.295	-0.7	99	0.00
36 T	1,1-Dichloropropene	0.472	0.460	2.5	98	0.00
37 T	Ethyl Acetate	0.289	0.282	2.4	98	0.00
38 T	Carbon Tetrachloride	0.421	0.415	1.4	97	0.00
39 T	Methylcyclohexane	0.605	0.596	1.5	97	0.00
40 TM	Benzene	1.416	1.439	-1.6	101	0.00
41 T	Methacrylonitrile	0.149	0.144	3.4	102	-0.01
42 TM	1,2-Dichloroethane	0.396	0.409	-3.3	103	0.00
43 T	Isopropyl Acetate	0.561	0.559	0.4	97	0.00
44 TM	Trichloroethene	0.363	0.361	0.6	100	0.00
45 C	1,2-Dichloropropane	0.358	0.369	-3.1#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.192	0.197	-2.6	102	0.00
47 T	Bromodichloromethane	0.460	0.473	-2.8	103	0.00
48 T	Methyl methacrylate	0.255	0.259	-1.6	101	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50 S	Toluene-d8	1.140	1.186	-4.0	98	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.287	0.7	99	0.00
52 CM	Toluene	0.898	0.904	-0.7#	100	0.00
53 T	t-1,3-Dichloropropene	0.509	0.531	-4.3	102	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.600	-2.6	102	0.00
55 T	1,1,2-Trichloroethane	0.284	0.288	-1.4	100	0.01
56 T	Ethyl methacrylate	0.429	0.439	-2.3	101	0.00
57 T	1,3-Dichloropropane	0.494	0.509	-3.0	102	0.01
58 T	2-Chloroethyl Vinyl ether	0.148	0.141	4.7	109	0.00
59 T	2-Hexanone	0.201	0.204	-1.5	98	0.00
60 T	Dibromochloromethane	0.317	0.328	-3.5	102	0.00
61 T	1,2-Dibromoethane	0.268	0.276	-3.0	101	0.00
62 S	4-Bromofluorobenzene	0.454	0.455	-0.2	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.319	0.308	3.4	99	0.01
65 PM	Chlorobenzene	1.054	1.057	-0.3	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.365	-1.4	101	0.01
67 C	Ethyl Benzene	1.942	1.938	0.2#	100	0.00
68 T	m/p-Xylenes	0.725	0.739	-1.9	102	0.00
69 T	o-Xylene	0.698	0.704	-0.9	101	0.00
70 T	Styrene	1.224	1.260	-2.9	103	0.00
71 P	Bromoform	0.215	0.214	0.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.945	3.911	0.9	99	0.01
74 T	N-amyl acetate	1.291	1.309	-1.4	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.845	0.847	-0.2	99	0.00
76 T	1,2,3-Trichloropropane	0.603	0.624	-3.5	102	0.01
77 T	Bromobenzene	0.874	0.877	-0.3	100	0.00
78 T	n-propylbenzene	4.749	4.781	-0.7	99	0.01
79 T	2-Chlorotoluene	2.713	2.757	-1.6	102	0.01
80 T	1,3,5-Trimethylbenzene	3.293	3.355	-1.9	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.318	0.322	-1.3	100	0.00
82 T	4-Chlorotoluene	2.898	2.973	-2.6	102	0.00
83 T	tert-Butylbenzene	2.776	2.793	-0.6	99	0.00
84 T	1,2,4-Trimethylbenzene	3.306	3.379	-2.2	102	0.00
85 T	sec-Butylbenzene	3.944	4.021	-2.0	99	0.00
86 T	p-Isopropyltoluene	3.476	3.540	-1.8	101	0.00
87 T	1,3-Dichlorobenzene	1.683	1.741	-3.4	103	0.00
88 T	1,4-Dichlorobenzene	1.709	1.742	-1.9	103	0.00
89 T	n-Butylbenzene	3.498	3.562	-1.8	101	0.00

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90 T	Hexachloroethane	0.659	0.684	-3.8	101	0.00
91 T	1,2-Dichlorobenzene	1.552	1.582	-1.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.144	1.4	101	0.00
93 T	1,2,4-Trichlorobenzene	1.042	1.053	-1.1	104	0.00
94 T	Hexachlorobutadiene	0.507	0.492	3.0	99	0.00
95 T	Naphthalene	2.382	2.464	-3.4	105	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.948	-3.7	106	0.00

(#) = Out of Range

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