

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013237.D
 Acq On : 10 Apr 2023 19:41
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICV050

Quant Time: Apr 11 17:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	0.349	0.310	11.2	91	0.00
3 P	Chloromethane	0.459	0.426	7.2	105	0.00
4 C	Vinyl Chloride	0.428	0.428	0.0	103	0.00
5 T	Bromomethane	0.331	0.322	2.7	105	0.00
6 T	Chloroethane	0.313	0.312	0.3	101	0.00
7 T	Trichlorofluoromethane	0.693	0.664	4.2	96	0.00
8 T	Diethyl Ether	0.263	0.255	3.0	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.423	0.393	7.1	92	0.00
10 T	Methyl Iodide	0.510	0.455	10.8	94	0.00
11 T	Tert butyl alcohol	0.097	0.069	28.9#	85	0.02
12 CM	1,1-Dichloroethene	0.368	0.340	7.6#	93	0.00
13 T	Acrolein	0.055	0.046	16.4	89	0.00
14 T	Allyl chloride	0.783	0.727	7.2	93	0.00
15 T	Acrylonitrile	0.181	0.174	3.9	90	0.00
16 T	Acetone	0.229	0.209	8.7	84	0.01
17 T	Carbon Disulfide	0.892	0.766	14.1	92	0.00
18 T	Methyl Acetate	0.679	0.622	8.4	88	0.00
19 T	Methyl tert-butyl Ether	1.403	1.449	-3.3	97	0.00
20 T	Methylene Chloride	0.746	0.636	14.7	110	0.00
21 T	trans-1,2-Dichloroethene	0.432	0.422	2.3	96	0.00
22 T	Diisopropyl ether	1.733	1.808	-4.3	97	0.00
23 T	Vinyl Acetate	1.088	1.133	-4.1	95	0.00
24 P	1,1-Dichloroethane	0.895	0.856	4.4	97	0.00
25 T	2-Butanone	1.479	1.394	5.7	86	0.00
26 T	2,2-Dichloropropane	0.845	0.782	7.5	93	0.00
27 T	cis-1,2-Dichloroethene	0.521	0.509	2.3	96	0.00
28 T	Bromochloromethane	0.422	0.446	-5.7	95	0.00
29 T	Tetrahydrofuran	0.172	0.169	1.7	89	0.00
30 C	Chloroform	0.934	0.912	2.4#	97	0.00
31 T	Cyclohexane	0.715	0.635	11.2	93	0.00
32 T	1,1,1-Trichloroethane	0.818	0.795	2.8	96	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.559	0.5	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.299	0.294	1.7	96	0.00
36 T	1,1-Dichloropropene	0.411	0.385	6.3	91	0.00
37 T	Ethyl Acetate	0.380	0.377	0.8	93	0.00
38 T	Carbon Tetrachloride	0.479	0.458	4.4	96	0.00
39 T	Methylcyclohexane	0.432	0.421	2.5	93	0.00
40 TM	Benzene	1.211	1.175	3.0	96	0.00
41 T	Methacrylonitrile	0.191	0.189	1.0	103	0.00
42 TM	1,2-Dichloroethane	0.445	0.437	1.8	97	0.00
43 T	Isopropyl Acetate	0.665	0.655	1.5	93	0.00
44 TM	Trichloroethene	0.316	0.301	4.7	94	0.00
45 C	1,2-Dichloropropane	0.330	0.325	1.5#	96	0.00
46 T	Dibromomethane	0.201	0.194	3.5	94	0.00
47 T	Bromodichloromethane	0.485	0.472	2.7	96	0.00
48 T	Methyl methacrylate	0.292	0.289	1.0	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	87	0.00
50 S	Toluene-d8	1.046	1.069	-2.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.377	0.385	-2.1	92	0.00
52 CM	Toluene	0.759	0.763	-0.5#	96	0.00
53 T	t-1,3-Dichloropropene	0.508	0.513	-1.0	98	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.529	2.9	95	0.00
55 T	1,1,2-Trichloroethane	0.284	0.277	2.5	94	0.00
56 T	Ethyl methacrylate	0.397	0.420	-5.8	96	0.00
57 T	1,3-Dichloropropane	0.479	0.474	1.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.182	-1.1	96	0.00
59 T	2-Hexanone	0.278	0.286	-2.9	90	0.00
60 T	Dibromochloromethane	0.353	0.358	-1.4	98	0.00
61 T	1,2-Dibromoethane	0.271	0.271	0.0	98	0.00
62 S	4-Bromofluorobenzene	0.374	0.381	-1.9	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.309	0.297	3.9	97	0.00
65 PM	Chlorobenzene	0.953	0.939	1.5	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.380	-0.3	100	0.00
67 C	Ethyl Benzene	1.654	1.659	-0.3#	97	0.00
68 T	m/p-Xylenes	0.629	0.644	-2.4	96	0.00
69 T	o-Xylene	0.598	0.614	-2.7	97	0.00
70 T	Styrene	1.020	1.082	-6.1	98	0.00
71 P	Bromoform	0.272	0.275	-1.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.139	3.121	0.6	96	0.00
74 T	N-amyl acetate	1.201	1.251	-4.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.839	0.803	4.3	95	0.00
76 T	1,2,3-Trichloropropane	0.609	0.595	2.3	97	0.00
77 T	Bromobenzene	0.799	0.781	2.3	98	0.00
78 T	n-propylbenzene	3.863	3.867	-0.1	96	0.00
79 T	2-Chlorotoluene	2.200	2.152	2.2	96	0.00
80 T	1,3,5-Trimethylbenzene	2.596	2.659	-2.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.295	0.292	1.0	94	0.00
82 T	4-Chlorotoluene	2.297	2.291	0.3	98	0.00
83 T	tert-Butylbenzene	2.321	2.348	-1.2	97	0.00
84 T	1,2,4-Trimethylbenzene	2.581	2.616	-1.4	97	0.00
85 T	sec-Butylbenzene	3.411	3.455	-1.3	96	0.00
86 T	p-Isopropyltoluene	2.859	2.903	-1.5	96	0.00
87 T	1,3-Dichlorobenzene	1.564	1.522	2.7	98	0.00
88 T	1,4-Dichlorobenzene	1.595	1.542	3.3	97	0.00
89 T	n-Butylbenzene	2.680	2.708	-1.0	97	0.00
90 T	Hexachloroethane	0.606	0.578	4.6	97	0.00
91 T	1,2-Dichlorobenzene	1.441	1.428	0.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.147	8.1	97	0.00
93 T	1,2,4-Trichlorobenzene	0.889	0.881	0.9	99	0.00
94 T	Hexachlorobutadiene	0.525	0.489	6.9	99	0.00
95 T	Naphthalene	2.002	2.052	-2.5	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.830	0.813	2.0	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5