

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040224\  
 Data File : VX040851.D  
 Acq On : 02 Apr 2024 09:28  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Apr 03 00:56:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 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	108	0.00
2 T	Dichlorodifluoromethane	0.678	0.647	4.6	102	0.00
3 P	Chloromethane	0.585	0.604	-3.2	111	0.00
4 C	Vinyl Chloride	0.604	0.641	-6.1#	115	0.00
5 T	Bromomethane	0.372	0.437	-17.5	113	0.00
6 T	Chloroethane	0.390	0.376	3.6	106	0.00
7 T	Trichlorofluoromethane	1.157	1.096	5.3	102	0.00
8 T	Diethyl Ether	0.374	0.330	11.8	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.596	0.569	4.5	105	0.00
10 T	Methyl Iodide	0.723	0.688	4.8	101	0.00
11 T	Tert butyl alcohol	0.164	0.139	15.2	91	0.00
12 CM	1,1-Dichloroethene	0.559	0.516	7.7#	102	0.00
13 T	Acrolein	0.089	0.081	9.0	97	0.00
14 T	Allyl chloride	1.002	0.946	5.6	101	0.00
15 T	Acrylonitrile	0.346	0.321	7.2	99	0.00
16 T	Acetone	0.348	0.330	5.2	105	0.00
17 T	Carbon Disulfide	1.618	1.448	10.5	103	0.00
18 T	Methyl Acetate	0.826	0.715	13.4	92	0.00
19 T	Methyl tert-butyl Ether	1.969	1.808	8.2	100	0.00
20 T	Methylene Chloride	0.646	0.563	12.8	103	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.540	8.6	106	0.00
22 T	Diisopropyl ether	1.950	1.837	5.8	103	0.00
23 T	Vinyl Acetate	1.869	1.798	3.8	102	0.00
24 P	1,1-Dichloroethane	1.114	1.032	7.4	102	0.00
25 T	2-Butanone	0.517	0.477	7.7	99	0.00
26 T	2,2-Dichloropropane	0.957	0.903	5.6	103	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.625	8.4	101	0.00
28 T	Bromochloromethane	0.501	0.461	8.0	105	0.00
29 T	Tetrahydrofuran	0.336	0.309	8.0	98	0.00
30 C	Chloroform	1.213	1.134	6.5#	102	0.00
31 T	Cyclohexane	0.952	0.878	7.8	100	0.00
32 T	1,1,1-Trichloroethane	1.078	1.017	5.7	99	0.00
33 S	1,2-Dichloroethane-d4	0.897	0.805	10.3	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.354	0.338	4.5	103	0.00
36 T	1,1-Dichloropropene	0.503	0.472	6.2	103	0.00
37 T	Ethyl Acetate	0.618	0.569	7.9	98	0.00
38 T	Carbon Tetrachloride	0.557	0.539	3.2	103	0.00
39 T	Methylcyclohexane	0.601	0.574	4.5	104	0.00
40 TM	Benzene	1.397	1.338	4.2	104	0.00
41 T	Methacrylonitrile	0.317	0.308	2.8	99	-0.01
42 TM	1,2-Dichloroethane	0.607	0.572	5.8	100	0.00
43 T	Isopropyl Acetate	0.954	0.904	5.2	99	0.00
44 TM	Trichloroethene	0.349	0.335	4.0	104	0.00
45 C	1,2-Dichloropropane	0.333	0.328	1.5#	103	0.00
46 T	Dibromomethane	0.273	0.263	3.7	103	0.00
47 T	Bromodichloromethane	0.569	0.543	4.6	102	0.00
48 T	Methyl methacrylate	0.467	0.454	2.8	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.009	0.0	91	0.00
50 S	Toluene-d8	1.280	1.210	5.5	104	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.604	4.6	98	0.00
52 CM	Toluene	0.881	0.824	6.5#	100	0.00
53 T	t-1,3-Dichloropropene	0.540	0.539	0.2	100	0.00
54 T	cis-1,3-Dichloropropene	0.564	0.563	0.2	103	0.00
55 T	1,1,2-Trichloroethane	0.344	0.327	4.9	99	0.00
56 T	Ethyl methacrylate	0.591	0.584	1.2	100	0.00
57 T	1,3-Dichloropropane	0.601	0.574	4.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.286	0.274	4.2	102	0.00
59 T	2-Hexanone	0.508	0.484	4.7	99	0.00
60 T	Dibromochloromethane	0.411	0.402	2.2	103	0.00
61 T	1,2-Dibromoethane	0.371	0.353	4.9	101	0.00
62 S	4-Bromofluorobenzene	0.511	0.482	5.7	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.331	0.317	4.2	103	0.00
65 PM	Chlorobenzene	1.094	1.041	4.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.359	1.1	102	0.00
67 C	Ethyl Benzene	1.950	1.879	3.6#	102	0.00
68 T	m/p-Xylenes	0.710	0.700	1.4	104	0.00
69 T	o-Xylene	0.668	0.663	0.7	103	0.00
70 T	Styrene	1.158	1.168	-0.9	102	0.00
71 P	Bromoform	0.302	0.307	-1.7	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.492	3.425	1.9	102	0.00
74 T	N-amyl acetate	1.769	1.762	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	1.194	1.127	5.6	99	0.00
76 T	1,2,3-Trichloropropane	1.066	1.018	4.5	104	0.00
77 T	Bromobenzene	0.819	0.796	2.8	99	0.00
78 T	n-propylbenzene	4.364	4.235	3.0	103	0.00
79 T	2-Chlorotoluene	2.605	2.489	4.5	105	0.00
80 T	1,3,5-Trimethylbenzene	2.983	3.000	-0.6	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.395	0.377	4.6	96	0.00
82 T	4-Chlorotoluene	3.110	3.059	1.6	104	0.00
83 T	tert-Butylbenzene	2.959	2.888	2.4	102	0.00
84 T	1,2,4-Trimethylbenzene	3.005	2.980	0.8	102	0.00
85 T	sec-Butylbenzene	3.758	3.721	1.0	103	0.00
86 T	p-Isopropyltoluene	3.152	3.127	0.8	101	0.00
87 T	1,3-Dichlorobenzene	1.656	1.589	4.0	104	0.00
88 T	1,4-Dichlorobenzene	1.757	1.620	7.8	103	0.00
89 T	n-Butylbenzene	3.114	3.137	-0.7	104	0.00
90 T	Hexachloroethane	0.549	0.561	-2.2	105	0.00
91 T	1,2-Dichlorobenzene	1.623	1.531	5.7	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.307	0.295	3.9	93	0.00
93 T	1,2,4-Trichlorobenzene	1.125	1.053	6.4	103	0.00
94 T	Hexachlorobutadiene	0.431	0.395	8.4	101	0.00
95 T	Naphthalene	3.622	3.567	1.5	101	0.00

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

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	1.073	1.041	3.0	104	0.00

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6