

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034216.D
 Acq On : 21 Feb 2023 17:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 05:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 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	73	0.00
2 T	Dichlorodifluoromethane	0.432	0.437	-1.2	70	0.00
3 P	Chloromethane	0.622	0.619	0.5	70	0.00
4 C	Vinyl Chloride	0.566	0.640	-13.1#	80	0.00
5 T	Bromomethane	0.225	0.259	-15.1	78	0.00
6 T	Chloroethane	0.285	0.353	-23.9	84	0.00
7 T	Trichlorofluoromethane	0.766	0.900	-17.5	84	0.00
8 T	Diethyl Ether	0.309	0.338	-9.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.500	7.2	66	0.00
10 T	Methyl Iodide	0.657	0.639	2.7	67	0.00
11 T	Tert butyl alcohol	0.151	0.133	11.9	67	0.00
12 CM	1,1-Dichloroethene	0.541	0.497	8.1#	66	0.00
13 T	Acrolein	0.069	0.062	10.1	70	0.00
14 T	Allyl chloride	1.147	0.999	12.9	62	0.00
15 T	Acrylonitrile	0.329	0.323	1.8	70	0.00
16 T	Acetone	0.347	0.283	18.4	60	0.00
17 T	Carbon Disulfide	1.555	1.340	13.8	62	0.00
18 T	Methyl Acetate	1.075	1.061	1.3	68	0.00
19 T	Methyl tert-butyl Ether	1.909	1.786	6.4	67	0.00
20 T	Methylene Chloride	0.626	0.569	9.1	68	0.00
21 T	trans-1,2-Dichloroethene	0.567	0.530	6.5	66	0.00
22 T	Diisopropyl ether	2.011	1.998	0.6	70	0.00
23 T	Vinyl Acetate	1.611	1.575	2.2	70	0.00
24 P	1,1-Dichloroethane	1.104	1.029	6.8	67	0.00
25 T	2-Butanone	0.503	0.467	7.2	67	0.01
26 T	2,2-Dichloropropane	1.000	0.884	11.6	64	0.00
27 T	cis-1,2-Dichloroethene	0.671	0.646	3.7	68	0.00
28 T	Bromochloromethane	0.493	0.460	6.7	69	0.00
29 T	Tetrahydrofuran	0.307	0.307	0.0	72	0.00
30 C	Chloroform	1.060	1.019	3.9#	69	0.00
31 T	Cyclohexane	1.005	0.937	6.8	65	0.00
32 T	1,1,1-Trichloroethane	0.950	0.885	6.8	67	0.00
33 S	1,2-Dichloroethane-d4	0.673	0.613	8.9	69	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.326	0.319	2.1	73	0.00
36 T	1,1-Dichloropropene	0.481	0.458	4.8	66	0.00
37 T	Ethyl Acetate	0.538	0.548	-1.9	69	0.00
38 T	Carbon Tetrachloride	0.495	0.476	3.8	67	0.00
39 T	Methylcyclohexane	0.620	0.583	6.0	65	0.00
40 TM	Benzene	1.427	1.405	1.5	70	0.00
41 T	Methacrylonitrile	0.300	0.304	-1.3	69	0.00
42 TM	1,2-Dichloroethane	0.502	0.471	6.2	66	0.00
43 T	Isopropyl Acetate	0.950	0.942	0.8	69	0.00
44 TM	Trichloroethene	0.366	0.361	1.4	69	0.00
45 C	1,2-Dichloropropane	0.380	0.379	0.3#	70	0.00
46 T	Dibromomethane	0.250	0.249	0.4	70	0.00
47 T	Bromodichloromethane	0.513	0.493	3.9	68	0.00
48 T	Methyl methacrylate	0.451	0.442	2.0	68	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.009	0.0	72	0.00
50 S	Toluene-d8	1.169	1.217	-4.1	76	0.00
51 T	4-Methyl-2-Pentanone	0.522	0.576	-10.3	77	0.00
52 CM	Toluene	0.865	0.901	-4.2#	74	0.00
53 T	t-1,3-Dichloropropene	0.590	0.587	0.5	69	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.618	2.2	68	0.00
55 T	1,1,2-Trichloroethane	0.349	0.369	-5.7	74	0.00
56 T	Ethyl methacrylate	0.590	0.618	-4.7	72	0.00
57 T	1,3-Dichloropropane	0.607	0.629	-3.6	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.261	-2.0	72	0.00
59 T	2-Hexanone	0.398	0.440	-10.6	78	0.00
60 T	Dibromochloromethane	0.386	0.402	-4.1	73	0.00
61 T	1,2-Dibromoethane	0.369	0.386	-4.6	74	0.00
62 S	4-Bromofluorobenzene	0.447	0.479	-7.2	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.353	0.330	6.5	70	0.00
65 PM	Chlorobenzene	1.042	1.048	-0.6	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.403	0.399	1.0	74	0.00
67 C	Ethyl Benzene	1.872	1.876	-0.2#	74	0.00
68 T	m/p-Xylenes	0.717	0.736	-2.6	78	0.00
69 T	o-Xylene	0.713	0.737	-3.4	78	0.00
70 T	Styrene	1.160	1.229	-5.9	78	0.00
71 P	Bromoform	0.329	0.328	0.3	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.811	3.726	2.2	78	0.00
74 T	N-amyl acetate	1.914	1.885	1.5	81	0.00
75 P	1,1,2,2-Tetrachloroethane	1.303	1.271	2.5	81	0.00
76 T	1,2,3-Trichloropropane	1.258	1.041	17.2	68	0.00
77 T	Bromobenzene	0.917	0.901	1.7	80	0.00
78 T	n-propylbenzene	4.432	4.402	0.7	78	0.00
79 T	2-Chlorotoluene	2.718	2.663	2.0	79	0.00
80 T	1,3,5-Trimethylbenzene	3.204	3.165	1.2	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.490	0.451	8.0	74	0.00
82 T	4-Chlorotoluene	3.095	3.085	0.3	81	0.00
83 T	tert-Butylbenzene	3.281	3.235	1.4	79	0.00
84 T	1,2,4-Trimethylbenzene	3.239	3.182	1.8	80	0.00
85 T	sec-Butylbenzene	3.985	3.989	-0.1	79	0.00
86 T	p-Isopropyltoluene	3.298	3.296	0.1	78	0.00
87 T	1,3-Dichlorobenzene	1.720	1.712	0.5	80	0.00
88 T	1,4-Dichlorobenzene	1.735	1.697	2.2	79	0.00
89 T	n-Butylbenzene	2.937	2.968	-1.1	79	0.00
90 T	Hexachloroethane	0.689	0.665	3.5	77	0.00
91 T	1,2-Dichlorobenzene	1.683	1.651	1.9	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.274	11.9	71	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.027	4.9	74	0.00
94 T	Hexachlorobutadiene	0.448	0.420	6.3	74	0.00
95 T	Naphthalene	3.639	3.527	3.1	77	0.00

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96 T	1,2,3-Trichlorobenzene	1.073	1.027	4.3	76	0.00

(#) = Out of Range

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