

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012522\  
 Data File : VX026558.D  
 Acq On : 25 Jan 2022 10:09  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleID :  
 VSTDCCC050

Quant Time: Jan 26 07:09:26 2022  
 Quant Title :  
 QLast Update : Tue Jan 11 14:45:13 2022  
 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	92	0.00
2 T Dichlorodifluoromethane	0.590	0.505	14.4	78	0.00
3 P Chloromethane	0.541	0.471	12.9	82	0.00
4 C Vinyl Chloride	0.568	0.516	9.2#	81	0.00
5 T Bromomethane	0.262	0.223	14.9	79	0.00
6 T Chloroethane	0.287	0.292	-1.7	93	0.00
7 T Trichlorofluoromethane	0.897	0.812	9.5	80	0.00
8 T Diethyl Ether	0.317	0.288	9.1	80	0.00
9 T 1,1,2-Trichlorotrifluoroeth	0.547	0.536	2.0	87	0.00
10 T Methyl Iodide	0.535	0.655	-22.4	105	0.00
11 T Tert butyl alcohol	0.097	0.082	15.5	73	-0.02
12 CM 1,1-Dichloroethene	0.522	0.498	4.6#	85	0.00
13 T Acrolein	0.103	0.099	3.9	93	0.00
14 T Allyl chloride	0.960	0.923	3.9	84	0.00
15 T Acrylonitrile	0.299	0.290	3.0	87	0.00
16 T Acetone	0.356	0.338	5.1	84	0.00
17 T Carbon Disulfide	1.525	1.308	14.2	79	0.00
18 T Methyl Acetate	0.708	0.678	4.2	88	0.00
19 T Methyl tert-butyl Ether	1.895	1.759	7.2	83	0.00
20 T Methylene Chloride	0.589	0.546	7.3	87	0.00
21 T trans-1,2-Dichloroethene	0.565	0.538	4.8	85	0.00
22 T Diisopropyl ether	1.951	1.861	4.6	85	0.00
23 T Vinyl Acetate	1.606	1.550	3.5	83	0.00
24 P 1,1-Dichloroethane	1.053	1.015	3.6	85	0.00
25 T 2-Butanone	0.463	0.457	1.3	86	0.00
26 T 2,2-Dichloropropane	0.781	0.762	2.4	83	0.00
27 T cis-1,2-Dichloroethene	0.645	0.621	3.7	84	0.00
28 T Bromochloromethane	0.433	0.438	-1.2	89	0.00
29 T Tetrahydrofuran	0.275	0.260	5.5	85	0.00
30 C Chloroform	1.095	1.048	4.3#	85	0.00
31 T Cyclohexane	1.030	0.944	8.3	83	0.00
32 T 1,1,1-Trichloroethane	0.963	0.936	2.8	84	0.00
33 S 1,2-Dichloroethane-d4	0.698	0.659	5.6	84	0.00
34 I 1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S Dibromofluoromethane	0.323	0.322	0.3	86	0.00
36 T 1,1-Dichloropropene	0.510	0.488	4.3	84	0.00
37 T Ethyl Acetate	0.516	0.501	2.9	84	0.00
38 T Carbon Tetrachloride	0.524	0.519	1.0	84	0.00
39 T Methylcyclohexane	0.615	0.602	2.1	85	0.00
40 TM Benzene	1.409	1.369	2.8	85	0.00
41 T Methacrylonitrile	0.292	0.295	-1.0	87	0.00
42 TM 1,2-Dichloroethane	0.551	0.523	5.1	83	0.00
43 T Isopropyl Acetate	0.833	0.818	1.8	83	0.00
44 TM Trichloroethene	0.400	0.405	-1.3	87	0.00
45 C 1,2-Dichloropropane	0.352	0.353	-0.3#	86	0.00
46 T Dibromomethane	0.248	0.246	0.8	86	0.00
47 T Bromodichloromethane	0.501	0.506	-1.0	85	0.00
48 T Methyl methacrylate	0.413	0.402	2.7	84	0.00
49 T 1,4-Dioxane	0.007	0.006	14.3	76	-0.01

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 S Toluene-d8	1.164	1.162	0.2	87	0.00
51 T 4-Methyl-2-Pentanone	0.494	0.497	-0.6	87	0.00
52 CM Toluene	0.864	0.853	1.3#	86	0.00
53 T t-1,3-Dichloropropene	0.470	0.500	-6.4	86	0.00
54 T cis-1,3-Dichloropropene	0.538	0.563	-4.6	86	0.00
55 T 1,1,2-Trichloroethane	0.337	0.337	0.0	87	0.00
56 T Ethyl methacrylate	0.517	0.522	-1.0	84	0.00
57 T 1,3-Dichloropropane	0.585	0.587	-0.3	87	0.00
58 T 2-Chloroethyl Vinyl ether	0.271	0.297	-9.6	94	0.00
59 T 2-Hexanone	0.378	0.397	-5.0	88	0.00
60 T Dibromochloromethane	0.351	0.374	-6.6	88	0.00
61 T 1,2-Dibromoethane	0.351	0.353	-0.6	86	0.00
62 S 4-Bromofluorobenzene	0.413	0.426	-3.1	89	0.00
63 I Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T Tetrachloroethene	0.472	0.485	-2.8	92	0.00
65 PM Chlorobenzene	1.053	1.037	1.5	88	0.00
66 T 1,1,1,2-Tetrachloroethane	0.391	0.399	-2.0	89	0.00
67 C Ethyl Benzene	1.913	1.886	1.4#	86	0.00
68 T m/p-Xylenes	0.716	0.717	-0.1	87	0.00
69 T o-Xylene	0.691	0.700	-1.3	88	0.00
70 T Styrene	1.127	1.171	-3.9	88	0.00
71 P Bromoform	0.267	0.289	-8.2	91	0.00
72 I 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T Isopropylbenzene	4.098	3.906	4.7	88	0.00
74 T N-amyl acetate	1.582	1.506	4.8	83	0.00
75 P 1,1,2,2-Tetrachloroethane	1.100	1.036	5.8	87	0.00
76 T 1,2,3-Trichloropropane	1.101	0.968	12.1	80	0.00
77 T Bromobenzene	0.939	0.879	6.4	86	0.00
78 T n-propylbenzene	4.674	4.552	2.6	89	0.00
79 T 2-Chlorotoluene	2.834	2.659	6.2	88	0.00
80 T 1,3,5-Trimethylbenzene	3.379	3.252	3.8	88	0.00
81 T trans-1,4-Dichloro-2-butene	0.312	0.338	-8.3	96	0.00
82 T 4-Chlorotoluene	3.257	3.096	4.9	88	0.00
83 T tert-Butylbenzene	3.154	3.004	4.8	87	0.00
84 T 1,2,4-Trimethylbenzene	3.380	3.239	4.2	88	0.00
85 T sec-Butylbenzene	4.080	4.059	0.5	90	0.00
86 T p-Isopropyltoluene	3.423	3.443	-0.6	91	0.00
87 T 1,3-Dichlorobenzene	1.760	1.712	2.7	92	0.00
88 T 1,4-Dichlorobenzene	1.781	1.692	5.0	89	0.00
89 T n-Butylbenzene	2.937	3.010	-2.5	91	0.00
90 T Hexachloroethane	0.509	0.550	-8.1	93	0.00
91 T 1,2-Dichlorobenzene	1.663	1.633	1.8	90	0.00
92 T 1,2-Dibromo-3-Chloropropane	0.266	0.261	1.9	86	0.00
93 T 1,2,4-Trichlorobenzene	1.066	1.079	-1.2	91	0.00
94 T Hexachlorobutadiene	0.450	0.453	-0.7	93	0.00
95 T Naphthalene	3.557	3.664	-3.0	92	0.00
96 T 1,2,3-Trichlorobenzene	1.049	1.074	-2.4	93	0.00

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(#) = Out of Range

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