

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039175.D
 Acq On : 4 Jun 2022 12:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 06 00:44:53 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	99	0.00
2 T	Dichlorodifluoromethane	1.756	1.481	15.7	97	0.00
3	Chlorodifluoromethane	1.272	1.218	4.2	106	0.00
4	Chloromethane	0.654	0.648	0.9	107	0.00
5 T	Vinyl Chloride	0.611	0.646	-5.7	109	0.00
6 T	Bromomethane	0.301	0.294	2.3	107	0.00
7	Chloroethane	0.213	0.223	-4.7	110	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.504	6.3	102	0.00
9 T	Propene	0.555	0.609	-9.7	123	0.00
10 T	Heptane	1.294	1.440	-11.3	116	0.00
11 T	Trichlorofluoromethane	1.590	1.404	11.7	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.004	4.5	103	0.00
13	Ethanol	0.030	0.031#	-3.3	109	0.00
14 T	Bromoethene	0.473	0.471	0.4	105	0.00
15 T	Acetone	1.042	0.968	7.1	105	0.00
16 T	1,3-Butadiene	0.560	0.571	-2.0	107	0.00
17	tert-Butyl alcohol	0.808	0.877	-8.5	109	0.00
18 T	1,1-Dichloroethene	0.472	0.466	1.3	106	0.00
19 T	Isopropyl Alcohol	0.489	0.540	-10.4	109	0.00
20 T	Methylene Chloride	0.439	0.369	15.9	109	0.00
21 T	Allyl Chloride	0.703	0.698	0.7	105	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.469	-3.3	106	0.00
23 T	Vinyl Acetate	0.862	0.880	-2.1	97	0.00
24 T	1,1-Dichloroethane	1.181	0.904	23.5	85	0.00
25 T	Ethyl Acetate	2.348	2.486	-5.9	114	0.00
26 T	Hexane	1.032	1.077	-4.4	112	0.00
27 T	Carbon Disulfide	1.069	1.039	2.8	95	0.00
28 T	Methyl tert-Butyl Ether	1.139	0.874	23.3	85	0.00
29 T	Chloroform	1.736	1.664	4.1	103	0.00
30 T	Cyclohexane	0.867	0.954	-10.0	120	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.089	-3.5	109	0.00
32 T	1,1,1-Trichloroethane	1.699	1.666	1.9	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
34 T	2-Butanone	0.543	0.515	5.2	107	0.00
35 T	Carbon Tetrachloride	0.730	0.606	17.0	96	0.00
36 T	Benzene	0.812	0.822	-1.2	119	0.00
37 T	1,2-Dichloroethane	0.534	0.443	17.0	96	0.00
38 T	Trichloroethene	0.373	0.393	-5.4	116	0.00
39 T	1,2-Dichloropropane	0.323	0.318	1.5	117	0.00
40 T	1,4-Dioxane	0.106	0.123	-16.0	134	0.00
41 T	Tetrahydrofuran	0.327	0.337	-3.1	119	0.00
42 T	Bromodichloromethane	0.742	0.647	12.8	101	0.00
43	Methyl Methacrylate	0.316	0.331	-4.7	114	0.00
44 T	2,2,4-Trimethylpentane	1.420	1.349	5.0	114	0.00
45 T	t-1,3-Dichloropropene	0.329	0.349	-6.1	101	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.447	-2.8	106	0.00
47 T	1,1,2-Trichloroethane	0.337	0.335	0.6	115	0.00
48 T	Dibromochloromethane	0.602	0.551	8.5	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.442	11.8	96	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.824	-1.4	113	0.00
51 T	2-Hexanone	0.633	0.655	-3.5	115	0.00
52 T	Tetrachloroethene	0.317	0.301	5.0	115	0.00
53 T	Toluene	0.935	0.958	-2.5	119	0.00
54 T	1,2-Dibromoethane	0.453	0.465	-2.6	115	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.473	0.435	8.0	106	0.00
57 T	Chlorobenzene	0.752	0.767	-2.0	118	0.00
58 T	Ethyl Benzene	1.377	1.399	-1.6	116	0.00
59 T	m/p-Xylene	1.213	1.154	4.9	110	0.00
60 T	o-Xylene	1.140	1.080	5.3	110	0.00
61 T	Styrene	0.610	0.668	-9.5	118	0.00
62	Isopropylbenzene	1.694	1.601	5.5	111	0.00
63 T	1,1,2,2-Tetrachloroethane	0.640	0.571	10.8	108	0.00
64	n-propylbenzene	0.416	0.421	-1.2	113	0.00
65	tert-Butylbenzene	1.549	1.405	9.3	107	0.00
66 T	Benzyl Chloride	0.201	0.194	3.5	85	0.00
67	sec-Butylbenzene	2.114	1.979	6.4	109	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.790	4.5	102	0.00
69	p-Isopropyltoluene	1.783	1.661	6.8	109	0.00
70	n-Butylbenzene	1.830	1.732	5.4	107	0.00
71	2-Chlorotoluene	1.292	1.193	7.7	107	0.00
72 T	4-Ethyltoluene	1.336	1.315	1.6	112	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.166	3.2	109	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.245	7.4	107	0.00
75 T	1,3-Dichlorobenzene	0.761	0.741	2.6	110	0.00
76 T	1,4-Dichlorobenzene	0.759	0.735	3.2	112	0.00
77 T	1,2-Dichlorobenzene	0.767	0.718	6.4	109	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.661	5.7	117	0.00
79 T	Naphthalene	1.035	1.413	-36.5#	131	0.00
80 T	Naphthalene,2-methyl-	0.385	0.489	-27.0	105	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.764	-16.5	126	0.00

(#) = Out of Range

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