

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039231.D
 Acq On : 8 Jun 2022 12:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 09 06:39:25 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	98	0.00
2 T	Dichlorodifluoromethane	1.756	1.530	12.9	100	0.00
3	Chlorodifluoromethane	1.272	1.224	3.8	106	0.00
4	Chloromethane	0.654	0.602	8.0	99	0.00
5 T	Vinyl Chloride	0.611	0.609	0.3	103	0.00
6 T	Bromomethane	0.301	0.289	4.0	105	0.00
7	Chloroethane	0.213	0.212	0.5	104	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.531	4.6	103	0.00
9 T	Propene	0.555	0.510	8.1	103	0.00
10 T	Heptane	1.294	1.192	7.9	96	0.00
11 T	Trichlorofluoromethane	1.590	1.466	7.8	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	0.975	7.2	100	0.00
13	Ethanol	0.030	0.028#	6.7	100	0.00
14 T	Bromoethene	0.473	0.468	1.1	104	0.00
15 T	Acetone	1.042	1.079	-3.6	117	0.00
16 T	1,3-Butadiene	0.560	0.555	0.9	104	0.00
17	tert-Butyl alcohol	0.808	0.942	-16.6	117	0.00
18 T	1,1-Dichloroethene	0.472	0.454	3.8	103	0.00
19 T	Isopropyl Alcohol	0.489	0.513	-4.9	104	0.00
20 T	Methylene Chloride	0.439	0.375	14.6	111	0.00
21 T	Allyl Chloride	0.703	0.648	7.8	97	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.443	2.4	100	0.00
23 T	Vinyl Acetate	0.862	0.747	13.3	82	0.00
24 T	1,1-Dichloroethane	1.181	0.910	22.9	85	0.00
25 T	Ethyl Acetate	2.348	2.406	-2.5	110	0.00
26 T	Hexane	1.032	0.945	8.4	98	0.00
27 T	Carbon Disulfide	1.069	1.033	3.4	95	0.00
28 T	Methyl tert-Butyl Ether	1.139	0.939	17.6	91	0.00
29 T	Chloroform	1.736	1.599	7.9	99	0.00
30 T	Cyclohexane	0.867	0.773	10.8	97	0.00
31 T	cis-1,2-Dichloroethene	1.052	0.989	6.0	99	0.00
32 T	1,1,1-Trichloroethane	1.699	1.670	1.7	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.543	0.532	2.0	98	0.00
35 T	Carbon Tetrachloride	0.730	0.706	3.3	99	0.00
36 T	Benzene	0.812	0.748	7.9	96	0.00
37 T	1,2-Dichloroethane	0.534	0.519	2.8	100	0.00
38 T	Trichloroethene	0.373	0.317	15.0	83	0.00
39 T	1,2-Dichloropropane	0.323	0.300	7.1	97	0.00
40 T	1,4-Dioxane	0.106	0.107	-0.9	103	0.00
41 T	Tetrahydrofuran	0.327	0.301	8.0	94	0.00
42 T	Bromodichloromethane	0.742	0.710	4.3	98	0.00
43	Methyl Methacrylate	0.316	0.335	-6.0	102	0.00
44 T	2,2,4-Trimethylpentane	1.420	1.295	8.8	96	0.00
45 T	t-1,3-Dichloropropene	0.329	0.283	14.0	73	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.375	13.8	79	0.00
47 T	1,1,2-Trichloroethane	0.337	0.319	5.3	97	0.00
48 T	Dibromochloromethane	0.602	0.597	0.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.501	0.0	97	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.809	0.5	98	0.00
51 T	2-Hexanone	0.633	0.624	1.4	97	0.00
52 T	Tetrachloroethene	0.317	0.290	8.5	98	0.00
53 T	Toluene	0.935	0.893	4.5	98	0.00
54 T	1,2-Dibromoethane	0.453	0.472	-4.2	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.473	0.472	0.2	104	0.00
57 T	Chlorobenzene	0.752	0.721	4.1	100	0.00
58 T	Ethyl Benzene	1.377	1.341	2.6	100	0.00
59 T	m/p-Xylene	1.213	1.158	4.5	100	0.00
60 T	o-Xylene	1.140	1.117	2.0	102	0.00
61 T	Styrene	0.610	0.616	-1.0	99	0.00
62	Isopropylbenzene	1.694	1.706	-0.7	107	0.00
63 T	1,1,2,2-Tetrachloroethane	0.640	0.745	-16.4	127	0.00
64	n-propylbenzene	0.416	0.441	-6.0	107	0.00
65	tert-Butylbenzene	1.549	1.552	-0.2	107	0.00
66 T	Benzyl Chloride	0.201	0.119	40.8#	47	0.00
67	sec-Butylbenzene	2.114	2.177	-3.0	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.843	-1.9	99	0.00
69	p-Isopropyltoluene	1.783	1.838	-3.1	109	0.00
70	n-Butylbenzene	1.830	1.956	-6.9	109	0.00
71	2-Chlorotoluene	1.292	1.327	-2.7	108	0.00
72 T	4-Ethyltoluene	1.336	1.354	-1.3	104	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.230	-2.1	104	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.347	-0.1	105	0.00
75 T	1,3-Dichlorobenzene	0.761	0.771	-1.3	104	0.00
76 T	1,4-Dichlorobenzene	0.759	0.748	1.4	103	0.00
77 T	1,2-Dichlorobenzene	0.767	0.766	0.1	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.637	9.1	102	0.00
79 T	Naphthalene	1.035	1.146	-10.7	96	0.00
80 T	Naphthalene,2-methyl-	0.385	0.303	21.3	59	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.650	0.9	97	0.00

(#) = Out of Range

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