

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039556.D
 Acq On : 17 Aug 2022 20:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 18 05:39:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 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	94	0.00
2 T	Dichlorodifluoromethane	1.344	1.016	24.4	91	0.00
3	Chlorodifluoromethane	1.199	1.076	10.3	96	0.00
4	Chloromethane	0.717	0.561	21.8	82	0.00
5 T	Vinyl Chloride	0.618	0.551	10.8	94	0.00
6 T	Bromomethane	0.253	0.210	17.0	91	0.00
7	Chloroethane	0.220	0.190	13.6	90	0.00
8 T	Dichlorotetrafluoroethane	1.443	1.273	11.8	92	0.00
9 T	Propene	0.546	0.488	10.6	97	0.00
10 T	Heptane	1.268	1.260	0.6	97	0.00
11 T	Trichlorofluoromethane	1.476	1.311	11.2	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.091	0.998	8.5	99	0.00
13	Ethanol	0.039	0.036#	7.7	118	0.00
14 T	Bromoethene	0.446	0.395	11.4	89	0.00
15 T	Acetone	1.130	1.047	7.3	101	0.00
16 T	1,3-Butadiene	0.587	0.542	7.7	95	0.00
17	tert-Butyl alcohol	0.965	0.955	1.0	102	0.00
18 T	1,1-Dichloroethene	0.492	0.433	12.0	93	0.00
19 T	Isopropyl Alcohol	0.552	0.512	7.2	93	0.00
20 T	Methylene Chloride	0.460	0.358	22.2	93	0.00
21 T	Allyl Chloride	0.734	0.655	10.8	89	0.00
22 T	trans-1,2-Dichloroethene	0.489	0.414	15.3	90	0.00
23 T	Vinyl Acetate	0.568	0.405	28.7	74	0.00
24 T	1,1-Dichloroethane	1.000	0.902	9.8	93	0.00
25 T	Ethyl Acetate	2.409	2.477	-2.8	107	0.00
26 T	Hexane	0.988	0.908	8.1	97	0.00
27 T	Carbon Disulfide	1.054	1.008	4.4	90	0.00
28 T	Methyl tert-Butyl Ether	0.869	0.753	13.3	96	0.00
29 T	Chloroform	1.546	1.410	8.8	96	0.00
30 T	Cyclohexane	0.820	0.776	5.4	97	0.00
31 T	cis-1,2-Dichloroethene	0.955	0.873	8.6	93	0.00
32 T	1,1,1-Trichloroethane	1.450	1.350	6.9	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.503	0.481	4.4	98	0.00
35 T	Carbon Tetrachloride	0.563	0.531	5.7	93	0.00
36 T	Benzene	0.762	0.724	5.0	96	0.00
37 T	1,2-Dichloroethane	0.423	0.386	8.7	93	0.00
38 T	Trichloroethene	0.414	0.316	23.7	75	0.00
39 T	1,2-Dichloropropane	0.286	0.276	3.5	98	0.00
40 T	1,4-Dioxane	0.113	0.113	0.0	101	0.00
41 T	Tetrahydrofuran	0.296	0.297	-0.3	99	0.00
42 T	Bromodichloromethane	0.579	0.559	3.5	94	0.00
43	Methyl Methacrylate	0.276	0.300	-8.7	100	0.00
44 T	2,2,4-Trimethylpentane	1.284	1.215	5.4	96	0.00
45 T	t-1,3-Dichloropropene	0.243	0.193	20.6	67	0.00
46 T	cis-1,3-Dichloropropene	0.334	0.298	10.8	75	0.00
47 T	1,1,2-Trichloroethane	0.327	0.304	7.0	96	0.00
48 T	Dibromochloromethane	0.487	0.496	-1.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.403	0.424	-5.2	92	0.00
50 T	4-Methyl-2-Pentanone	0.774	0.787	-1.7	97	0.00
51 T	2-Hexanone	0.570	0.606	-6.3	95	0.00
52 T	Tetrachloroethene	0.299	0.281	6.0	98	0.00
53 T	Toluene	0.854	0.858	-0.5	95	0.00
54 T	1,2-Dibromoethane	0.373	0.396	-6.2	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.405	1.7	97	0.00
57 T	Chlorobenzene	0.752	0.693	7.8	95	0.00
58 T	Ethyl Benzene	1.158	1.220	-5.4	97	0.00
59 T	m/p-Xylene	1.041	1.037	0.4	96	0.00
60 T	o-Xylene	0.998	1.005	-0.7	96	0.00
61 T	Styrene	0.533	0.585	-9.8	92	0.00
62	Isopropylbenzene	1.511	1.553	-2.8	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.502	0.645	-28.5	151#	0.00
64	n-propylbenzene	0.394	0.409	-3.8	103	0.00
65	tert-Butylbenzene	1.347	1.402	-4.1	104	0.00
66 T	Benzyl Chloride	0.116	0.074	36.2#	54	0.00
67	sec-Butylbenzene	1.902	1.967	-3.4	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.753	0.796	-5.7	94	0.00
69	p-Isopropyltoluene	1.585	1.669	-5.3	104	0.00
70	n-Butylbenzene	1.573	1.699	-8.0	106	0.00
71	2-Chlorotoluene	1.095	1.157	-5.7	102	0.00
72 T	4-Ethyltoluene	1.173	1.223	-4.3	97	0.00
73 T	1,3,5-Trimethylbenzene	1.071	1.104	-3.1	98	0.00
74 T	1,2,4-Trimethylbenzene	1.194	1.190	0.3	99	0.00
75 T	1,3-Dichlorobenzene	0.725	0.720	0.7	100	0.01
76 T	1,4-Dichlorobenzene	0.727	0.691	5.0	95	0.00
77 T	1,2-Dichlorobenzene	0.711	0.706	0.7	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.565	0.540	4.4	106	0.00
79 T	Naphthalene	0.850	1.041	-22.5	99	0.00
80 T	Naphthalene,2-methyl-	0.336	0.314	6.5	68	0.00
81 T	1,2,4-Trichlorobenzene	0.567	0.594	-4.8	102	0.00

(#) = Out of Range

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