

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081820\
 Data File : VL035444.D
 Acq On : 18 Aug 2020 15:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 19 02:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	1.853	1.582	14.6	102	0.00
3	Chlorodifluoromethane	1.254	1.138	9.3	103	0.00
4	Chloromethane	0.653	0.602	7.8	103	0.00
5 T	Vinyl Chloride	0.781	0.719	7.9	103	0.00
6 T	Bromomethane	0.683	0.641	6.1	103	0.00
7	Chloroethane	0.288	0.264	8.3	102	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.082	12.3	102	0.00
9 T	Propene	0.504	0.454	9.9	104	0.00
10 T	Heptane	1.321	1.227	7.1	103	0.00
11 T	Trichlorofluoromethane	2.908	2.616	10.0	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	1.945	10.2	102	0.00
13	Ethanol	0.185	0.119	35.7#	102	0.00
14 T	Bromoethene	0.958	0.891	7.0	101	0.00
15 T	Acetone	1.151	0.936	18.7	103	0.00
16 T	1,3-Butadiene	0.467	0.441	5.6	105	0.00
17	tert-Butyl alcohol	1.488	1.396	6.2	100	0.00
18 T	1,1-Dichloroethene	0.957	0.884	7.6	100	0.00
19 T	Isopropyl Alcohol	0.793	0.721	9.1	99	0.00
20 T	Methylene Chloride	0.929	0.732	21.2	101	0.00
21 T	Allyl Chloride	0.585	0.563	3.8	101	0.00
22 T	trans-1,2-Dichloroethene	1.021	0.945	7.4	101	0.00
23 T	Vinyl Acetate	1.645	1.566	4.8	101	0.00
24 T	1,1-Dichloroethane	1.642	1.495	9.0	103	0.00
25 T	Ethyl Acetate	2.240	1.988	11.3	103	0.00
26 T	Hexane	1.264	1.131	10.5	103	0.00
27 T	Carbon Disulfide	1.827	1.834	-0.4	101	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.103	8.9	100	0.00
29 T	Chloroform	2.540	2.327	8.4	104	0.00
30 T	Cyclohexane	1.402	1.331	5.1	103	0.01
31 T	cis-1,2-Dichloroethene	1.329	1.249	6.0	104	0.00
32 T	1,1,1-Trichloroethane	2.380	2.403	-1.0	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.334	0.308	7.8	102	0.00
35 T	Carbon Tetrachloride	0.532	0.570	-7.1	105	0.00
36 T	Benzene	0.734	0.668	9.0	102	0.00
37 T	1,2-Dichloroethane	0.335	0.318	5.1	106	0.00
38 T	Trichloroethene	0.408	0.375	8.1	103	0.00
39 T	1,2-Dichloropropane	0.242	0.225	7.0	103	0.00
40 T	1,4-Dioxane	0.132	0.115	12.9	96	0.00
41 T	Tetrahydrofuran	0.184	0.179	2.7	103	0.00
42 T	Bromodichloromethane	0.561	0.553	1.4	104	0.00
43	Methyl Methacrylate	0.287	0.278	3.1	103	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.849	11.4	103	0.00
45 T	t-1,3-Dichloropropene	0.296	0.324	-9.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.383	-4.1	103	0.01
47 T	1,1,2-Trichloroethane	0.361	0.335	7.2	103	0.00
48 T	Dibromochloromethane	0.606	0.618	-2.0	103	0.01
49 T	Bromoform	0.584	0.622	-6.5	103	0.01
50 T	4-Methyl-2-Pentanone	0.479	0.452	5.6	103	0.00
51 T	2-Hexanone	0.404	0.391	3.2	104	0.01
52 T	Tetrachloroethene	0.448	0.406	9.4	103	0.01
53 T	Toluene	0.945	0.866	8.4	103	0.01
54 T	1,2-Dibromoethane	0.587	0.546	7.0	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.437	7.8	103	0.00
57 T	Chlorobenzene	0.835	0.696	16.6	103	0.00
58 T	Ethyl Benzene	1.207	1.035	14.3	103	0.01
59 T	m/p-Xylene	1.020	0.839	17.7	99	0.00
60 T	o-Xylene	0.992	0.850	14.3	104	0.01
61 T	Styrene	0.801	0.723	9.7	103	0.00
62	Isopropylbenzene	1.625	1.327	18.3	103	0.01
63 T	1,1,2,2-Tetrachloroethane	0.712	0.593	16.7	104	0.00
64	n-propylbenzene	0.501	0.444	11.4	104	0.01
65	tert-Butylbenzene	1.580	1.294	18.1	103	0.00
66 T	Benzyl Chloride	0.380	0.458	-20.5	104	0.01
67	sec-Butylbenzene	2.079	1.643	21.0	103	0.01
68 S	1-Bromo-4-Fluorobenzene	0.700	0.674	3.7	99	0.01
69	p-Isopropyltoluene	1.845	1.488	19.3	103	0.02
70	n-Butylbenzene	1.742	1.409	19.1	104	0.00
71	2-Chlorotoluene	1.179	1.009	14.4	104	0.01
72 T	4-Ethyltoluene	1.302	1.118	14.1	104	0.00
73 T	1,3,5-Trimethylbenzene	1.211	1.037	14.4	104	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.075	18.3	103	0.01
75 T	1,3-Dichlorobenzene	1.016	0.834	17.9	104	0.01
76 T	1,4-Dichlorobenzene	1.002	0.845	15.7	104	0.01
77 T	1,2-Dichlorobenzene	0.995	0.828	16.8	104	0.01
78 T	Hexachloro-1,3-Butadiene	0.787	0.634	19.4	104	0.01
79 T	Naphthalene	1.853	1.555	16.1	103	0.01
80 T	Naphthalene,2-methyl-	0.766	0.784	-2.3	105	0.00
81 T	1,2,4-Trichlorobenzene	1.117	0.938	16.0	103	0.01

(#) = Out of Range

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