

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081720\
 Data File : VL035442.D
 Acq On : 18 Aug 2020 12:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 19 02:20:44 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	99	0.00
2 T	Dichlorodifluoromethane	1.853	1.503	18.9	95	0.00
3	Chlorodifluoromethane	1.254	1.156	7.8	103	0.00
4	Chloromethane	0.653	0.606	7.2	102	0.00
5 T	Vinyl Chloride	0.781	0.717	8.2	101	0.00
6 T	Bromomethane	0.683	0.636	6.9	100	0.00
7	Chloroethane	0.288	0.262	9.0	99	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.044	13.9	98	0.00
9 T	Propene	0.504	0.459	8.9	103	0.00
10 T	Heptane	1.321	1.243	5.9	103	0.00
11 T	Trichlorofluoromethane	2.908	2.632	9.5	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	1.959	9.6	101	0.00
13	Ethanol	0.185	0.107	42.2#	90	0.00
14 T	Bromoethene	0.958	0.885	7.6	99	0.00
15 T	Acetone	1.151	0.918	20.2	100	0.00
16 T	1,3-Butadiene	0.467	0.439	6.0	102	0.00
17	tert-Butyl alcohol	1.488	1.397	6.1	98	0.00
18 T	1,1-Dichloroethene	0.957	0.888	7.2	99	0.00
19 T	Isopropyl Alcohol	0.793	0.708	10.7	96	0.00
20 T	Methylene Chloride	0.929	0.705	24.1	96	0.00
21 T	Allyl Chloride	0.585	0.557	4.8	98	0.00
22 T	trans-1,2-Dichloroethene	1.021	0.948	7.1	100	0.00
23 T	Vinyl Acetate	1.645	1.576	4.2	99	0.00
24 T	1,1-Dichloroethane	1.642	1.511	8.0	102	0.00
25 T	Ethyl Acetate	2.240	1.982	11.5	101	0.00
26 T	Hexane	1.264	1.114	11.9	100	0.00
27 T	Carbon Disulfide	1.827	1.829	-0.1	99	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.098	9.1	98	0.00
29 T	Chloroform	2.540	2.339	7.9	102	0.00
30 T	Cyclohexane	1.402	1.330	5.1	101	0.00
31 T	cis-1,2-Dichloroethene	1.329	1.249	6.0	102	0.00
32 T	1,1,1-Trichloroethane	2.380	2.397	-0.7	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.334	0.307	8.1	101	0.00
35 T	Carbon Tetrachloride	0.532	0.570	-7.1	103	0.00
36 T	Benzene	0.734	0.665	9.4	100	0.00
37 T	1,2-Dichloroethane	0.335	0.316	5.7	104	0.00
38 T	Trichloroethene	0.408	0.376	7.8	102	0.00
39 T	1,2-Dichloropropane	0.242	0.225	7.0	102	0.00
40 T	1,4-Dioxane	0.132	0.114	13.6	94	0.00
41 T	Tetrahydrofuran	0.184	0.180	2.2	102	0.00
42 T	Bromodichloromethane	0.561	0.553	1.4	102	0.00
43	Methyl Methacrylate	0.287	0.278	3.1	102	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.848	11.5	102	0.00
45 T	t-1,3-Dichloropropene	0.296	0.318	-7.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.379	-3.0	101	0.00
47 T	1,1,2-Trichloroethane	0.361	0.335	7.2	102	0.00
48 T	Dibromochloromethane	0.606	0.620	-2.3	101	0.01
49 T	Bromoform	0.584	0.630	-7.9	103	0.01
50 T	4-Methyl-2-Pentanone	0.479	0.456	4.8	103	0.00
51 T	2-Hexanone	0.404	0.395	2.2	103	0.01
52 T	Tetrachloroethene	0.448	0.409	8.7	102	0.00
53 T	Toluene	0.945	0.867	8.3	101	0.01
54 T	1,2-Dibromoethane	0.587	0.547	6.8	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.446	5.9	103	0.00
57 T	Chlorobenzene	0.835	0.705	15.6	102	0.00
58 T	Ethyl Benzene	1.207	1.056	12.5	102	0.00
59 T	m/p-Xylene	1.020	0.854	16.3	99	0.00
60 T	o-Xylene	0.992	0.871	12.2	104	0.00
61 T	Styrene	0.801	0.737	8.0	102	0.00
62	Isopropylbenzene	1.625	1.362	16.2	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.712	0.608	14.6	104	0.00
64	n-propylbenzene	0.501	0.456	9.0	104	0.01
65	tert-Butylbenzene	1.580	1.339	15.3	104	0.00
66 T	Benzyl Chloride	0.380	0.445	-17.1	99	0.00
67	sec-Butylbenzene	2.079	1.695	18.5	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.700	0.684	2.3	98	0.00
69	p-Isopropyltoluene	1.845	1.551	15.9	105	0.01
70	n-Butylbenzene	1.742	1.470	15.6	106	0.00
71	2-Chlorotoluene	1.179	1.036	12.1	104	0.01
72 T	4-Ethyltoluene	1.302	1.152	11.5	105	0.00
73 T	1,3,5-Trimethylbenzene	1.211	1.075	11.2	105	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.117	15.1	105	0.00
75 T	1,3-Dichlorobenzene	1.016	0.872	14.2	106	0.01
76 T	1,4-Dichlorobenzene	1.002	0.890	11.2	107	0.01
77 T	1,2-Dichlorobenzene	0.995	0.874	12.2	107	0.00
78 T	Hexachloro-1,3-Butadiene	0.787	0.670	14.9	107	0.01
79 T	Naphthalene	1.853	1.601	13.6	104	0.01
80 T	Naphthalene,2-methyl-	0.766	0.775	-1.2	102	0.00
81 T	1,2,4-Trichlorobenzene	1.117	0.987	11.6	106	0.01

(#) = Out of Range

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