

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082020\
 Data File : VL035470.D
 Acq On : 20 Aug 2020 9:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 21 06:12:15 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	1.637	11.7	104	0.00
3	Chlorodifluoromethane	1.254	1.241	1.0	111	0.00
4	Chloromethane	0.653	0.653	0.0	110	0.00
5 T	Vinyl Chloride	0.781	0.794	-1.7	112	0.00
6 T	Bromomethane	0.683	0.716	-4.8	113	0.00
7	Chloroethane	0.288	0.300	-4.2	114	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.261	4.7	109	0.00
9 T	Propene	0.504	0.485	3.8	109	0.00
10 T	Heptane	1.321	1.311	0.8	109	0.00
11 T	Trichlorofluoromethane	2.908	2.789	4.1	109	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	2.116	2.4	109	0.00
13	Ethanol	0.185	0.134	27.6	113	0.00
14 T	Bromoethene	0.958	0.996	-4.0	111	0.00
15 T	Acetone	1.151	1.048	8.9	114	0.00
16 T	1,3-Butadiene	0.467	0.481	-3.0	112	0.00
17	tert-Butyl alcohol	1.488	1.604	-7.8	113	0.00
18 T	1,1-Dichloroethene	0.957	0.989	-3.3	110	0.00
19 T	Isopropyl Alcohol	0.793	0.806	-1.6	109	0.00
20 T	Methylene Chloride	0.929	0.829	10.8	113	0.00
21 T	Allyl Chloride	0.585	0.636	-8.7	112	0.00
22 T	trans-1,2-Dichloroethene	1.021	1.050	-2.8	111	0.00
23 T	Vinyl Acetate	1.645	1.684	-2.4	106	0.00
24 T	1,1-Dichloroethane	1.642	1.654	-0.7	112	0.00
25 T	Ethyl Acetate	2.240	2.149	4.1	110	0.00
26 T	Hexane	1.264	1.233	2.5	111	0.00
27 T	Carbon Disulfide	1.827	2.046	-12.0	111	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.360	-2.2	111	0.00
29 T	Chloroform	2.540	2.554	-0.6	112	0.00
30 T	Cyclohexane	1.402	1.460	-4.1	111	0.00
31 T	cis-1,2-Dichloroethene	1.329	1.362	-2.5	111	0.00
32 T	1,1,1-Trichloroethane	2.380	2.623	-10.2	112	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.334	0.321	3.9	108	0.00
35 T	Carbon Tetrachloride	0.532	0.597	-12.2	111	0.00
36 T	Benzene	0.734	0.714	2.7	111	0.00
37 T	1,2-Dichloroethane	0.335	0.336	-0.3	113	0.00
38 T	Trichloroethene	0.408	0.390	4.4	109	0.00
39 T	1,2-Dichloropropane	0.242	0.236	2.5	110	0.00
40 T	1,4-Dioxane	0.132	0.130	1.5	109	0.00
41 T	Tetrahydrofuran	0.184	0.185	-0.5	108	0.00
42 T	Bromodichloromethane	0.561	0.587	-4.6	112	0.00
43	Methyl Methacrylate	0.287	0.297	-3.5	112	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.892	6.9	110	0.00
45 T	t-1,3-Dichloropropene	0.296	0.352	-18.9	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.411	-11.7	112	0.00
47 T	1,1,2-Trichloroethane	0.361	0.358	0.8	112	0.00
48 T	Dibromochloromethane	0.606	0.640	-5.6	108	0.00
49 T	Bromoform	0.584	0.629	-7.7	106	0.00
50 T	4-Methyl-2-Pentanone	0.479	0.473	1.3	109	0.00
51 T	2-Hexanone	0.404	0.406	-0.5	109	0.00
52 T	Tetrachloroethene	0.448	0.418	6.7	108	0.00
53 T	Toluene	0.945	0.918	2.9	110	0.00
54 T	1,2-Dibromoethane	0.587	0.582	0.9	112	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.456	3.8	110	0.00
57 T	Chlorobenzene	0.835	0.728	12.8	110	0.00
58 T	Ethyl Benzene	1.207	1.081	10.4	110	0.00
59 T	m/p-Xylene	1.020	0.871	14.6	105	0.00
60 T	o-Xylene	0.992	0.886	10.7	110	0.00
61 T	Styrene	0.801	0.753	6.0	109	0.00
62	Isopropylbenzene	1.625	1.367	15.9	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.712	0.621	12.8	112	0.00
64	n-propylbenzene	0.501	0.458	8.6	110	0.00
65	tert-Butylbenzene	1.580	1.319	16.5	107	0.00
66 T	Benzyl Chloride	0.380	0.486	-27.9	113	0.00
67	sec-Butylbenzene	2.079	1.676	19.4	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.700	0.643	8.1	97	0.00
69	p-Isopropyltoluene	1.845	1.519	17.7	108	0.00
70	n-Butylbenzene	1.742	1.447	16.9	109	0.00
71	2-Chlorotoluene	1.179	1.050	10.9	110	0.00
72 T	4-Ethyltoluene	1.302	1.155	11.3	110	0.00
73 T	1,3,5-Trimethylbenzene	1.211	1.070	11.6	110	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.106	16.0	109	0.00
75 T	1,3-Dichlorobenzene	1.016	0.839	17.4	106	0.00
76 T	1,4-Dichlorobenzene	1.002	0.861	14.1	108	0.00
77 T	1,2-Dichlorobenzene	0.995	0.842	15.4	108	0.00
78 T	Hexachloro-1,3-Butadiene	0.787	0.611	22.4	102	0.00
79 T	Naphthalene	1.853	1.592	14.1	108	0.00
80 T	Naphthalene,2-methyl-	0.766	0.780	-1.8	107	0.00
81 T	1,2,4-Trichlorobenzene	1.117	0.940	15.8	106	0.00

(#) = Out of Range

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