

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081820\
 Data File : VL035468.D
 Acq On : 19 Aug 2020 13:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 20 03:56:04 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	93	0.00
2 T	Dichlorodifluoromethane	1.853	1.843	0.5	109	0.00
3	Chlorodifluoromethane	1.254	1.297	-3.4	108	0.00
4	Chloromethane	0.653	0.683	-4.6	107	0.00
5 T	Vinyl Chloride	0.781	0.831	-6.4	109	0.00
6 T	Bromomethane	0.683	0.737	-7.9	109	0.00
7	Chloroethane	0.288	0.308	-6.9	109	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.389	-0.7	107	0.00
9 T	Propene	0.504	0.509	-1.0	107	0.00
10 T	Heptane	1.321	1.370	-3.7	106	0.00
11 T	Trichlorofluoromethane	2.908	2.904	0.1	106	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	2.191	-1.1	105	0.00
13	Ethanol	0.185	0.121	34.6#	95	0.00
14 T	Bromoethene	0.958	1.030	-7.5	108	0.00
15 T	Acetone	1.151	1.054	8.4	107	0.00
16 T	1,3-Butadiene	0.467	0.497	-6.4	108	0.00
17	tert-Butyl alcohol	1.488	1.627	-9.3	107	0.00
18 T	1,1-Dichloroethene	0.957	1.026	-7.2	107	0.00
19 T	Isopropyl Alcohol	0.793	0.799	-0.8	101	0.00
20 T	Methylene Chloride	0.929	0.831	10.5	106	0.00
21 T	Allyl Chloride	0.585	0.644	-10.1	106	0.00
22 T	trans-1,2-Dichloroethene	1.021	1.074	-5.2	106	0.00
23 T	Vinyl Acetate	1.645	1.735	-5.5	103	0.00
24 T	1,1-Dichloroethane	1.642	1.711	-4.2	108	0.00
25 T	Ethyl Acetate	2.240	2.246	-0.3	107	0.00
26 T	Hexane	1.264	1.294	-2.4	109	0.00
27 T	Carbon Disulfide	1.827	2.093	-14.6	106	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.451	-6.1	107	0.00
29 T	Chloroform	2.540	2.675	-5.3	110	0.00
30 T	Cyclohexane	1.402	1.522	-8.6	108	0.00
31 T	cis-1,2-Dichloroethene	1.329	1.427	-7.4	109	0.00
32 T	1,1,1-Trichloroethane	2.380	2.735	-14.9	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.334	0.332	0.6	105	0.00
35 T	Carbon Tetrachloride	0.532	0.619	-16.4	109	0.00
36 T	Benzene	0.734	0.739	-0.7	108	0.00
37 T	1,2-Dichloroethane	0.335	0.350	-4.5	111	0.00
38 T	Trichloroethene	0.408	0.409	-0.2	107	0.00
39 T	1,2-Dichloropropane	0.242	0.248	-2.5	109	0.00
40 T	1,4-Dioxane	0.132	0.129	2.3	103	0.00
41 T	Tetrahydrofuran	0.184	0.191	-3.8	105	0.00
42 T	Bromodichloromethane	0.561	0.605	-7.8	108	0.00
43	Methyl Methacrylate	0.287	0.308	-7.3	109	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.927	3.2	107	0.00
45 T	t-1,3-Dichloropropene	0.296	0.357	-20.6	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.416	-13.0	107	0.00
47 T	1,1,2-Trichloroethane	0.361	0.374	-3.6	110	0.00
48 T	Dibromochloromethane	0.606	0.668	-10.2	106	0.00
49 T	Bromoform	0.584	0.659	-12.8	104	0.00
50 T	4-Methyl-2-Pentanone	0.479	0.491	-2.5	107	0.00
51 T	2-Hexanone	0.404	0.420	-4.0	106	0.00
52 T	Tetrachloroethene	0.448	0.440	1.8	106	0.00
53 T	Toluene	0.945	0.957	-1.3	108	0.00
54 T	1,2-Dibromoethane	0.587	0.603	-2.7	109	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.496	-4.6	108	0.00
57 T	Chlorobenzene	0.835	0.794	4.9	108	0.00
58 T	Ethyl Benzene	1.207	1.185	1.8	108	0.00
59 T	m/p-Xylene	1.020	0.956	6.3	104	0.00
60 T	o-Xylene	0.992	0.976	1.6	109	0.00
61 T	Styrene	0.801	0.830	-3.6	108	0.00
62	Isopropylbenzene	1.625	1.511	7.0	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.712	0.682	4.2	110	0.00
64	n-propylbenzene	0.501	0.512	-2.2	110	0.00
65	tert-Butylbenzene	1.580	1.472	6.8	108	0.00
66 T	Benzyl Chloride	0.380	0.504	-32.6#	106	0.00
67	sec-Butylbenzene	2.079	1.865	10.3	108	0.00
68 S	1-Bromo-4-Fluorobenzene	0.700	0.692	1.1	94	0.00
69	p-Isopropyltoluene	1.845	1.700	7.9	108	0.00
70	n-Butylbenzene	1.742	1.629	6.5	110	0.00
71	2-Chlorotoluene	1.179	1.158	1.8	109	0.00
72 T	4-Ethyltoluene	1.302	1.281	1.6	109	0.00
73 T	1,3,5-Trimethylbenzene	1.211	1.201	0.8	111	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.237	6.0	109	0.00
75 T	1,3-Dichlorobenzene	1.016	0.948	6.7	108	0.00
76 T	1,4-Dichlorobenzene	1.002	0.975	2.7	110	0.00
77 T	1,2-Dichlorobenzene	0.995	0.947	4.8	109	0.00
78 T	Hexachloro-1,3-Butadiene	0.787	0.685	13.0	103	0.00
79 T	Naphthalene	1.853	1.759	5.1	107	0.00
80 T	Naphthalene,2-methyl-	0.766	0.834	-8.9	103	0.00
81 T	1,2,4-Trichlorobenzene	1.117	1.053	5.7	106	0.00

(#) = Out of Range

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