

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL082020\
 Data File : VL035489.D
 Acq On : 21 Aug 2020 8:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 21 09:07:27 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	95	0.00
2 T	Dichlorodifluoromethane	1.853	1.744	5.9	106	0.00
3	Chlorodifluoromethane	1.254	1.383	-10.3	118	0.00
4	Chloromethane	0.653	0.752	-15.2	121	0.00
5 T	Vinyl Chloride	0.781	0.904	-15.7	122	0.00
6 T	Bromomethane	0.683	0.805	-17.9	122	0.00
7	Chloroethane	0.288	0.342	-18.8	125	0.00
8 T	Dichlorotetrafluoroethane	2.373	2.512	-5.9	116	0.00
9 T	Propene	0.504	0.550	-9.1	119	0.00
10 T	Heptane	1.321	1.450	-9.8	116	0.00
11 T	Trichlorofluoromethane	2.908	2.948	-1.4	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	2.167	2.268	-4.7	112	0.00
13	Ethanol	0.185	0.146	21.1	118	0.00
14 T	Bromoethene	0.958	1.095	-14.3	117	0.00
15 T	Acetone	1.151	1.158	-0.6	121	0.00
16 T	1,3-Butadiene	0.467	0.540	-15.6	121	0.00
17	tert-Butyl alcohol	1.488	1.835	-23.3	124	0.00
18 T	1,1-Dichloroethene	0.957	1.084	-13.3	116	0.00
19 T	Isopropyl Alcohol	0.793	0.934	-17.8	121	0.00
20 T	Methylene Chloride	0.929	0.884	4.8	115	0.00
21 T	Allyl Chloride	0.585	0.724	-23.8	123	0.00
22 T	trans-1,2-Dichloroethene	1.021	1.128	-10.5	114	0.00
23 T	Vinyl Acetate	1.645	1.887	-14.7	114	0.00
24 T	1,1-Dichloroethane	1.642	1.842	-12.2	119	0.00
25 T	Ethyl Acetate	2.240	2.405	-7.4	118	0.00
26 T	Hexane	1.264	1.381	-9.3	119	0.00
27 T	Carbon Disulfide	1.827	2.250	-23.2	117	0.00
28 T	Methyl tert-Butyl Ether	2.309	2.661	-15.2	120	0.00
29 T	Chloroform	2.540	2.809	-10.6	118	0.00
30 T	Cyclohexane	1.402	1.629	-16.2	119	0.00
31 T	cis-1,2-Dichloroethene	1.329	1.516	-14.1	119	0.00
32 T	1,1,1-Trichloroethane	2.380	2.854	-19.9	117	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.334	0.357	-6.9	115	0.00
35 T	Carbon Tetrachloride	0.532	0.636	-19.5	113	0.00
36 T	Benzene	0.734	0.795	-8.3	118	0.00
37 T	1,2-Dichloroethane	0.335	0.369	-10.1	119	0.00
38 T	Trichloroethene	0.408	0.429	-5.1	114	0.00
39 T	1,2-Dichloropropane	0.242	0.265	-9.5	118	0.00
40 T	1,4-Dioxane	0.132	0.151	-14.4	122	0.00
41 T	Tetrahydrofuran	0.184	0.205	-11.4	115	0.00
42 T	Bromodichloromethane	0.561	0.640	-14.1	116	0.00
43	Methyl Methacrylate	0.287	0.332	-15.7	119	0.00
44 T	2,2,4-Trimethylpentane	0.958	0.983	-2.6	116	0.00
45 T	t-1,3-Dichloropropene	0.296	0.380	-28.4	117	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.368	0.447	-21.5	117	0.00
47 T	1,1,2-Trichloroethane	0.361	0.396	-9.7	118	0.00
48 T	Dibromochloromethane	0.606	0.684	-12.9	110	0.00
49 T	Bromoform	0.584	0.659	-12.8	106	0.00
50 T	4-Methyl-2-Pentanone	0.479	0.519	-8.4	115	0.00
51 T	2-Hexanone	0.404	0.446	-10.4	114	0.00
52 T	Tetrachloroethene	0.448	0.447	0.2	110	0.00
53 T	Toluene	0.945	1.011	-7.0	116	0.00
54 T	1,2-Dibromoethane	0.587	0.635	-8.2	117	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.474	0.505	-6.5	113	0.00
57 T	Chlorobenzene	0.835	0.821	1.7	115	0.00
58 T	Ethyl Benzene	1.207	1.230	-1.9	116	0.00
59 T	m/p-Xylene	1.020	1.029	-0.9	115	0.00
60 T	o-Xylene	0.992	1.010	-1.8	117	0.00
61 T	Styrene	0.801	0.861	-7.5	116	0.00
62	Isopropylbenzene	1.625	1.547	4.8	114	0.00
63 T	1,1,2,2-Tetrachloroethane	0.712	0.712	0.0	119	0.00
64	n-propylbenzene	0.501	0.522	-4.2	116	0.00
65	tert-Butylbenzene	1.580	1.491	5.6	113	0.00
66 T	Benzyl Chloride	0.380	0.532	-40.0#	115	0.00
67	sec-Butylbenzene	2.079	1.896	8.8	113	0.00
68 S	1-Bromo-4-Fluorobenzene	0.700	0.659	5.9	92	0.00
69	p-Isopropyltoluene	1.845	1.724	6.6	113	0.00
70	n-Butylbenzene	1.742	1.661	4.6	116	0.00
71	2-Chlorotoluene	1.179	1.201	-1.9	117	0.00
72 T	4-Ethyltoluene	1.302	1.315	-1.0	116	0.00
73 T	1,3,5-Trimethylbenzene	1.211	1.222	-0.9	116	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.268	3.6	116	0.00
75 T	1,3-Dichlorobenzene	1.016	0.952	6.3	112	0.00
76 T	1,4-Dichlorobenzene	1.002	0.974	2.8	113	0.00
77 T	1,2-Dichlorobenzene	0.995	0.953	4.2	113	0.00
78 T	Hexachloro-1,3-Butadiene	0.787	0.654	16.9	101	0.00
79 T	Naphthalene	1.853	1.783	3.8	112	0.00
80 T	Naphthalene,2-methyl-	0.766	0.846	-10.4	108	0.00
81 T	1,2,4-Trichlorobenzene	1.117	1.042	6.7	109	0.00

(#) = Out of Range

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