

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111820\
 Data File : VL035992.D
 Acq On : 19 Nov 2020 8:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 19 09:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 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	92	-0.04
2 T	Dichlorodifluoromethane	1.883	1.587	15.7	94	-0.03
3	Chlorodifluoromethane	1.198	1.174	2.0	103	-0.03
4	Chloromethane	0.582	0.574	1.4	101	-0.03
5 T	Vinyl Chloride	0.742	0.709	4.4	101	-0.03
6 T	Bromomethane	0.596	0.606	-1.7	105	-0.04
7	Chloroethane	0.261	0.273	-4.6	106	-0.04
8 T	Dichlorotetrafluoroethane	2.155	2.077	3.6	104	-0.03
9 T	Propene	0.438	0.418	4.6	97	-0.03
10 T	Heptane	1.211	1.314	-8.5	110	-0.05
11 T	Trichlorofluoromethane	2.364	2.487	-5.2	108	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.837	-4.4	106	-0.04
13	Ethanol	0.095	0.094	1.1	120	-0.04
14 T	Bromoethene	0.810	0.794	2.0	104	-0.04
15 T	Acetone	1.069	1.073	-0.4	114	-0.04
16 T	1,3-Butadiene	0.460	0.473	-2.8	107	-0.03
17	tert-Butyl alcohol	1.417	1.502	-6.0	111	-0.04
18 T	1,1-Dichloroethene	0.808	0.845	-4.6	107	-0.04
19 T	Isopropyl Alcohol	0.657	0.723	-10.0	117	-0.04
20 T	Methylene Chloride	0.753	0.694	7.8	108	-0.04
21 T	Allyl Chloride	0.578	0.608	-5.2	104	-0.04
22 T	trans-1,2-Dichloroethene	0.819	0.857	-4.6	105	-0.04
23 T	Vinyl Acetate	1.499	1.381	7.9	97	-0.04
24 T	1,1-Dichloroethane	1.428	1.432	-0.3	105	-0.04
25 T	Ethyl Acetate	2.106	2.219	-5.4	109	-0.04
26 T	Hexane	1.162	1.147	1.3	105	-0.04
27 T	Carbon Disulfide	1.740	1.892	-8.7	107	-0.04
28 T	Methyl tert-Butyl Ether	2.086	1.865	10.6	97	-0.04
29 T	Chloroform	2.283	2.265	0.8	104	-0.04
30 T	Cyclohexane	1.265	1.201	5.1	102	-0.05
31 T	cis-1,2-Dichloroethene	1.195	1.177	1.5	101	-0.04
32 T	1,1,1-Trichloroethane	2.382	2.155	9.5	100	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.04
34 T	2-Butanone	0.325	0.375	-15.4	106	-0.04
35 T	Carbon Tetrachloride	0.534	0.594	-11.2	101	-0.05
36 T	Benzene	0.743	0.768	-3.4	101	-0.05
37 T	1,2-Dichloroethane	0.337	0.387	-14.8	104	-0.04
38 T	Trichloroethene	0.363	0.365	-0.6	103	-0.05
39 T	1,2-Dichloropropane	0.250	0.274	-9.6	105	-0.05
40 T	1,4-Dioxane	0.119	0.133	-11.8	109	-0.05
41 T	Tetrahydrofuran	0.184	0.216	-17.4	103	-0.04
42 T	Bromodichloromethane	0.568	0.640	-12.7	102	-0.05
43	Methyl Methacrylate	0.284	0.319	-12.3	103	-0.05
44 T	2,2,4-Trimethylpentane	0.984	1.093	-11.1	108	-0.05
45 T	t-1,3-Dichloropropene	0.301	0.340	-13.0	98	-0.05

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.426	-11.8	102	-0.04
47 T	1,1,2-Trichloroethane	0.341	0.365	-7.0	104	-0.05
48 T	Dibromochloromethane	0.521	0.589	-13.1	101	-0.05
49 T	Bromoform	0.440	0.494	-12.3	99	-0.05
50 T	4-Methyl-2-Pentanone	0.496	0.606	-22.2	111	-0.05
51 T	2-Hexanone	0.399	0.502	-25.8	112	-0.05
52 T	Tetrachloroethene	0.352	0.322	8.5	97	-0.05
53 T	Toluene	0.897	0.941	-4.9	103	-0.05
54 T	1,2-Dibromoethane	0.519	0.548	-5.6	102	-0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	-0.05
56	1,1,1,2-Tetrachloroethane	0.449	0.451	-0.4	103	-0.05
57 T	Chlorobenzene	0.795	0.759	4.5	105	-0.05
58 T	Ethyl Benzene	1.218	1.198	1.6	105	-0.05
59 T	m/p-Xylene	1.030	1.039	-0.9	108	-0.05
60 T	o-Xylene	1.002	1.027	-2.5	110	-0.05
61 T	Styrene	0.734	0.755	-2.9	105	-0.06
62	Isopropylbenzene	1.576	1.512	4.1	108	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.777	0.765	1.5	116	-0.05
64	n-propylbenzene	0.455	0.449	1.3	108	-0.06
65	tert-Butylbenzene	1.434	1.374	4.2	110	-0.05
66 T	Benzyl Chloride	0.474	0.510	-7.6	113	-0.05
67	sec-Butylbenzene	1.933	1.859	3.8	111	-0.05
68 S	1-Bromo-4-Fluorobenzene	0.710	0.741	-4.4	96	-0.05
69	p-Isopropyltoluene	1.595	1.534	3.8	111	-0.05
70	n-Butylbenzene	1.536	1.567	-2.0	115	-0.05
71	2-Chlorotoluene	1.152	1.163	-1.0	111	-0.05
72 T	4-Ethyltoluene	1.216	1.218	-0.2	110	-0.05
73 T	1,3,5-Trimethylbenzene	1.113	1.124	-1.0	110	-0.05
74 T	1,2,4-Trimethylbenzene	1.192	1.193	-0.1	113	-0.05
75 T	1,3-Dichlorobenzene	0.759	0.725	4.5	108	-0.05
76 T	1,4-Dichlorobenzene	0.732	0.705	3.7	106	-0.05
77 T	1,2-Dichlorobenzene	0.740	0.688	7.0	107	-0.05
78 T	Hexachloro-1,3-Butadiene	0.345	0.336	2.6	111	-0.05
79 T	Naphthalene	0.831	0.892	-7.3	119	-0.07
80 T	Naphthalene,2-methyl-	0.135	0.191	-41.5#	129	-0.04
81 T	1,2,4-Trichlorobenzene	0.464	0.436	6.0	106	-0.06

(#) = Out of Range

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