

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111220\
 Data File : VL035936.D
 Acq On : 13 Nov 2020 8:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 13 11:31:29 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	167#	0.00
2 T	Dichlorodifluoromethane	1.883	0.998	47.0#	107	0.00
3	Chlorodifluoromethane	1.198	0.639	46.7#	101	0.00
4	Chloromethane	0.582	0.321	44.8#	102	0.00
5 T	Vinyl Chloride	0.742	0.395	46.8#	102	0.00
6 T	Bromomethane	0.596	0.323	45.8#	101	0.00
7	Chloroethane	0.261	0.149	42.9#	105	0.00
8 T	Dichlorotetrafluoroethane	2.155	1.136	47.3#	103	0.00
9 T	Propene	0.438	0.231	47.3#	97	0.00
10 T	Heptane	1.211	0.716	40.9#	109	0.00
11 T	Trichlorofluoromethane	2.364	1.359	42.5#	107	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.014	42.4#	107	0.00
13	Ethanol	0.095	0.045#	52.6#	104	0.00
14 T	Bromoethene	0.810	0.418	48.4#	99	0.00
15 T	Acetone	1.069	0.591	44.7#	114	0.00
16 T	1,3-Butadiene	0.460	0.257	44.1#	106	0.00
17	tert-Butyl alcohol	1.417	0.658	53.6#	89	0.00
18 T	1,1-Dichloroethene	0.808	0.449	44.4#	104	0.00
19 T	Isopropyl Alcohol	0.657	0.310	52.8#	91	0.00
20 T	Methylene Chloride	0.753	0.391	48.1#	110	0.00
21 T	Allyl Chloride	0.578	0.334	42.2#	103	0.00
22 T	trans-1,2-Dichloroethene	0.819	0.465	43.2#	103	0.00
23 T	Vinyl Acetate	1.499	0.785	47.6#	100	0.00
24 T	1,1-Dichloroethane	1.428	0.788	44.8#	104	0.00
25 T	Ethyl Acetate	2.106	1.179	44.0#	105	0.00
26 T	Hexane	1.162	0.623	46.4#	104	0.00
27 T	Carbon Disulfide	1.740	0.987	43.3#	101	0.00
28 T	Methyl tert-Butyl Ether	2.086	1.043	50.0#	99	0.00
29 T	Chloroform	2.283	1.235	45.9#	103	0.00
30 T	Cyclohexane	1.265	0.656	48.1#	102	0.00
31 T	cis-1,2-Dichloroethene	1.195	0.644	46.1#	101	0.00
32 T	1,1,1-Trichloroethane	2.382	1.195	49.8#	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	150	0.00
34 T	2-Butanone	0.325	0.221	32.0#	107	0.00
35 T	Carbon Tetrachloride	0.534	0.343	35.8#	101	0.00
36 T	Benzene	0.743	0.439	40.9#	100	0.00
37 T	1,2-Dichloroethane	0.337	0.223	33.8#	104	0.00
38 T	Trichloroethene	0.363	0.206	43.3#	100	0.00
39 T	1,2-Dichloropropane	0.250	0.157	37.2#	104	0.00
40 T	1,4-Dioxane	0.119	0.066	44.5#	93	0.00
41 T	Tetrahydrofuran	0.184	0.125	32.1#	103	0.00
42 T	Bromodichloromethane	0.568	0.363	36.1#	99	0.00
43	Methyl Methacrylate	0.284	0.184	35.2#	102	0.00
44 T	2,2,4-Trimethylpentane	0.984	0.622	36.8#	106	0.00
45 T	t-1,3-Dichloropropene	0.301	0.194	35.5#	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.240	37.0#	99	0.00
47 T	1,1,2-Trichloroethane	0.341	0.207	39.3#	101	0.00
48 T	Dibromochloromethane	0.521	0.338	35.1#	100	0.00
49 T	Bromoform	0.440	0.291	33.9#	101	0.00
50 T	4-Methyl-2-Pentanone	0.496	0.350	29.4	110	0.00
51 T	2-Hexanone	0.399	0.287	28.1	111	0.00
52 T	Tetrachloroethene	0.352	0.188	46.6#	97	0.00
53 T	Toluene	0.897	0.537	40.1#	101	0.00
54 T	1,2-Dibromoethane	0.519	0.314	39.5#	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	158#	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.273	39.2#	103	0.00
57 T	Chlorobenzene	0.795	0.459	42.3#	105	0.00
58 T	Ethyl Benzene	1.218	0.728	40.2#	105	0.00
59 T	m/p-Xylene	1.030	0.629	38.9#	108	0.00
60 T	o-Xylene	1.002	0.620	38.1#	110	0.00
61 T	Styrene	0.734	0.458	37.6#	105	0.00
62	Isopropylbenzene	1.576	0.919	41.7#	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.777	0.463	40.4#	116	0.00
64	n-propylbenzene	0.455	0.274	39.8#	108	0.00
65	tert-Butylbenzene	1.434	0.850	40.7#	112	0.00
66 T	Benzyl Chloride	0.474	0.313	34.0#	115	0.00
67	sec-Butylbenzene	1.933	1.155	40.2#	114	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.779	-9.7	166#	0.00
69	p-Isopropyltoluene	1.595	0.972	39.1#	116	0.00
70	n-Butylbenzene	1.536	1.003	34.7#	122	0.00
71	2-Chlorotoluene	1.152	0.712	38.2#	112	0.00
72 T	4-Ethyltoluene	1.216	0.746	38.7#	111	0.00
73 T	1,3,5-Trimethylbenzene	1.113	0.699	37.2#	113	0.00
74 T	1,2,4-Trimethylbenzene	1.192	0.740	37.9#	116	0.00
75 T	1,3-Dichlorobenzene	0.759	0.462	39.1#	113	0.00
76 T	1,4-Dichlorobenzene	0.732	0.450	38.5#	112	0.00
77 T	1,2-Dichlorobenzene	0.740	0.452	38.9#	115	0.00
78 T	Hexachloro-1,3-Butadiene	0.345	0.265	23.2	145	0.00
79 T	Naphthalene	0.831	0.674	18.9	149	0.00
80 T	Naphthalene,2-methyl-	0.135	0.171	-26.7	190#	0.00
81 T	1,2,4-Trichlorobenzene	0.464	0.339	26.9	137	0.00

(#) = Out of Range

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