

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL112420\
 Data File : VL036025.D
 Acq On : 25 Nov 2020 11:09
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 26 01:53:11 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	103	-0.02
2 T	Dichlorodifluoromethane	1.883	1.464	22.3	97	-0.02
3	Chlorodifluoromethane	1.198	1.079	9.9	106	-0.02
4	Chloromethane	0.582	0.549	5.7	108	-0.02
5 T	Vinyl Chloride	0.742	0.694	6.5	111	-0.02
6 T	Bromomethane	0.596	0.570	4.4	111	-0.02
7	Chloroethane	0.261	0.258	1.1	113	-0.02
8 T	Dichlorotetrafluoroethane	2.155	1.954	9.3	110	-0.02
9 T	Propene	0.438	0.400	8.7	104	-0.02
10 T	Heptane	1.211	1.185	2.1	111	-0.03
11 T	Trichlorofluoromethane	2.364	2.154	8.9	105	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.637	7.0	106	-0.02
13	Ethanol	0.095	0.080	15.8	114	-0.02
14 T	Bromoethene	0.810	0.742	8.4	109	-0.02
15 T	Acetone	1.069	0.936	12.4	112	-0.02
16 T	1,3-Butadiene	0.460	0.427	7.2	108	-0.02
17	tert-Butyl alcohol	1.417	1.246	12.1	104	-0.02
18 T	1,1-Dichloroethene	0.808	0.768	5.0	109	-0.02
19 T	Isopropyl Alcohol	0.657	0.581	11.6	105	-0.02
20 T	Methylene Chloride	0.753	0.630	16.3	110	-0.02
21 T	Allyl Chloride	0.578	0.573	0.9	110	-0.02
22 T	trans-1,2-Dichloroethene	0.819	0.779	4.9	107	-0.02
23 T	Vinyl Acetate	1.499	1.345	10.3	106	-0.02
24 T	1,1-Dichloroethane	1.428	1.320	7.6	108	-0.02
25 T	Ethyl Acetate	2.106	1.997	5.2	110	-0.02
26 T	Hexane	1.162	1.074	7.6	111	-0.02
27 T	Carbon Disulfide	1.740	1.691	2.8	107	-0.02
28 T	Methyl tert-Butyl Ether	2.086	1.823	12.6	106	-0.02
29 T	Chloroform	2.283	2.083	8.8	108	-0.02
30 T	Cyclohexane	1.265	1.127	10.9	108	-0.03
31 T	cis-1,2-Dichloroethene	1.195	1.092	8.6	105	-0.02
32 T	1,1,1-Trichloroethane	2.382	1.998	16.1	104	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.02
34 T	2-Butanone	0.325	0.327	-0.6	109	-0.02
35 T	Carbon Tetrachloride	0.534	0.506	5.2	102	-0.02
36 T	Benzene	0.743	0.689	7.3	107	-0.03
37 T	1,2-Dichloroethane	0.337	0.335	0.6	106	-0.02
38 T	Trichloroethene	0.363	0.313	13.8	104	-0.03
39 T	1,2-Dichloropropane	0.250	0.238	4.8	108	-0.02
40 T	1,4-Dioxane	0.119	0.105	11.8	101	-0.03
41 T	Tetrahydrofuran	0.184	0.191	-3.8	108	-0.02
42 T	Bromodichloromethane	0.568	0.554	2.5	104	-0.03
43	Methyl Methacrylate	0.284	0.288	-1.4	110	-0.03
44 T	2,2,4-Trimethylpentane	0.984	0.938	4.7	110	-0.02
45 T	t-1,3-Dichloropropene	0.301	0.308	-2.3	106	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.379	0.5	107	-0.02
47 T	1,1,2-Trichloroethane	0.341	0.325	4.7	109	-0.02
48 T	Dibromochloromethane	0.521	0.516	1.0	105	-0.02
49 T	Bromoform	0.440	0.431	2.0	102	-0.03
50 T	4-Methyl-2-Pentanone	0.496	0.514	-3.6	111	-0.02
51 T	2-Hexanone	0.399	0.422	-5.8	112	-0.03
52 T	Tetrachloroethene	0.352	0.292	17.0	103	-0.03
53 T	Toluene	0.897	0.846	5.7	109	-0.03
54 T	1,2-Dibromoethane	0.519	0.492	5.2	108	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	110	-0.03
56	1,1,1,2-Tetrachloroethane	0.449	0.403	10.2	106	-0.03
57 T	Chlorobenzene	0.795	0.687	13.6	109	-0.03
58 T	Ethyl Benzene	1.218	1.099	9.8	110	-0.03
59 T	m/p-Xylene	1.030	0.916	11.1	109	-0.03
60 T	o-Xylene	1.002	0.914	8.8	112	-0.03
61 T	Styrene	0.734	0.696	5.2	111	-0.03
62	Isopropylbenzene	1.576	1.366	13.3	111	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.777	0.669	13.9	116	-0.03
64	n-propylbenzene	0.455	0.410	9.9	113	-0.03
65	tert-Butylbenzene	1.434	1.231	14.2	113	-0.03
66 T	Benzyl Chloride	0.474	0.468	1.3	119	-0.03
67	sec-Butylbenzene	1.933	1.667	13.8	114	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.744	-4.8	110	-0.03
69	p-Isopropyltoluene	1.595	1.384	13.2	115	-0.03
70	n-Butylbenzene	1.536	1.390	9.5	117	-0.03
71	2-Chlorotoluene	1.152	1.046	9.2	114	-0.03
72 T	4-Ethyltoluene	1.216	1.098	9.7	113	-0.03
73 T	1,3,5-Trimethylbenzene	1.113	1.019	8.4	114	-0.03
74 T	1,2,4-Trimethylbenzene	1.192	1.056	11.4	115	-0.03
75 T	1,3-Dichlorobenzene	0.759	0.658	13.3	112	-0.03
76 T	1,4-Dichlorobenzene	0.732	0.652	10.9	113	-0.03
77 T	1,2-Dichlorobenzene	0.740	0.636	14.1	113	-0.03
78 T	Hexachloro-1,3-Butadiene	0.345	0.300	13.0	114	-0.03
79 T	Naphthalene	0.831	0.823	1.0	126	-0.04
80 T	Naphthalene,2-methyl-	0.135	0.189	-40.0#	146	-0.02
81 T	1,2,4-Trichlorobenzene	0.464	0.403	13.1	113	-0.04

(#) = Out of Range

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