

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036131.D
 Acq On : 10 Dec 2020 13:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 11 03:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 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	104	-0.02
2 T	Dichlorodifluoromethane	1.165	0.823	29.4	78	-0.02
3	Chlorodifluoromethane	1.141	1.177	-3.2	111	-0.02
4	Chloromethane	0.560	0.553	1.3	107	-0.01
5 T	Vinyl Chloride	0.623	0.568	8.8	108	-0.02
6 T	Bromomethane	0.322	0.307	4.7	106	-0.02
7	Chloroethane	0.212	0.197	7.1	107	-0.02
8 T	Dichlorotetrafluoroethane	1.295	1.221	5.7	101	-0.02
9 T	Propene	0.572	0.534	6.6	108	-0.02
10 T	Heptane	1.460	1.397	4.3	105	-0.03
11 T	Trichlorofluoromethane	1.370	1.370	0.0	107	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.851	8.6	98	-0.02
13	Ethanol	0.079	0.079	0.0	112	-0.01
14 T	Bromoethene	0.382	0.363	5.0	102	-0.02
15 T	Acetone	1.202	1.064	11.5	107	-0.02
16 T	1,3-Butadiene	0.605	0.587	3.0	106	-0.02
17	tert-Butyl alcohol	1.164	0.903	22.4	83	-0.02
18 T	1,1-Dichloroethene	0.413	0.382	7.5	98	-0.02
19 T	Isopropyl Alcohol	0.735	0.604	17.8	91	-0.02
20 T	Methylene Chloride	0.492	0.348	29.3	97	-0.02
21 T	Allyl Chloride	0.799	0.711	11.0	93	-0.02
22 T	trans-1,2-Dichloroethene	0.414	0.369	10.9	95	-0.02
23 T	Vinyl Acetate	1.600	1.514	5.4	101	-0.02
24 T	1,1-Dichloroethane	1.125	1.037	7.8	102	-0.02
25 T	Ethyl Acetate	2.401	2.285	4.8	102	-0.02
26 T	Hexane	1.081	0.954	11.7	105	-0.02
27 T	Carbon Disulfide	1.074	0.983	8.5	93	-0.02
28 T	Methyl tert-Butyl Ether	1.536	1.360	11.5	96	-0.02
29 T	Chloroform	1.419	1.433	-1.0	108	-0.02
30 T	Cyclohexane	0.794	0.749	5.7	105	-0.03
31 T	cis-1,2-Dichloroethene	0.982	0.990	-0.8	107	-0.02
32 T	1,1,1-Trichloroethane	1.464	1.430	2.3	108	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.03
34 T	2-Butanone	0.663	0.677	-2.1	106	-0.02
35 T	Carbon Tetrachloride	0.583	0.648	-11.1	102	-0.03
36 T	Benzene	0.847	0.913	-7.8	106	-0.03
37 T	1,2-Dichloroethane	0.491	0.580	-18.1	113	-0.03
38 T	Trichloroethene	0.317	0.283	10.7	94	-0.03
39 T	1,2-Dichloropropane	0.335	0.365	-9.0	104	-0.03
40 T	1,4-Dioxane	0.105	0.107	-1.9	101	-0.03
41 T	Tetrahydrofuran	0.394	0.420	-6.6	107	-0.02
42 T	Bromodichloromethane	0.654	0.752	-15.0	107	-0.03
43	Methyl Methacrylate	0.364	0.407	-11.8	105	-0.02
44 T	2,2,4-Trimethylpentane	1.535	1.638	-6.7	107	-0.03
45 T	t-1,3-Dichloropropene	0.374	0.425	-13.6	100	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.519	-10.9	103	-0.03
47 T	1,1,2-Trichloroethane	0.322	0.343	-6.5	105	-0.03
48 T	Dibromochloromethane	0.486	0.529	-8.8	96	-0.03
49 T	Bromoform	0.383	0.409	-6.8	91	-0.03
50 T	4-Methyl-2-Pentanone	0.989	1.084	-9.6	106	-0.03
51 T	2-Hexanone	0.773	0.864	-11.8	109	-0.03
52 T	Tetrachloroethene	0.307	0.267	13.0	93	-0.03
53 T	Toluene	0.952	0.998	-4.8	102	-0.03
54 T	1,2-Dibromoethane	0.483	0.505	-4.6	102	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.03
56	1,1,1,2-Tetrachloroethane	0.415	0.401	3.4	96	-0.03
57 T	Chlorobenzene	0.702	0.662	5.7	98	-0.03
58 T	Ethyl Benzene	1.370	1.378	-0.6	105	-0.03
59 T	m/p-Xylene	1.154	1.155	-0.1	105	-0.03
60 T	o-Xylene	1.088	1.073	1.4	105	-0.03
61 T	Styrene	0.698	0.698	0.0	100	-0.03
62	Isopropylbenzene	1.612	1.531	5.0	101	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.732	0.712	2.7	107	-0.03
64	n-propylbenzene	0.388	0.369	4.9	98	-0.03
65	tert-Butylbenzene	1.319	1.199	9.1	97	-0.03
66 T	Benzyl Chloride	0.329	0.290	11.9	71	-0.03
67	sec-Butylbenzene	1.847	1.741	5.7	102	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.794	0.828	-4.3	102	-0.03
69	p-Isopropyltoluene	1.469	1.353	7.9	97	-0.03
70	n-Butylbenzene	1.452	1.467	-1.0	106	-0.02
71	2-Chlorotoluene	1.219	1.218	0.1	106	-0.03
72 T	4-Ethyltoluene	1.178	1.167	0.9	103	-0.03
73 T	1,3,5-Trimethylbenzene	1.125	1.080	4.0	101	-0.03
74 T	1,2,4-Trimethylbenzene	1.129	1.068	5.4	101	-0.03
75 T	1,3-Dichlorobenzene	0.565	0.517	8.5	95	-0.03
76 T	1,4-Dichlorobenzene	0.576	0.500	13.2	92	-0.03
77 T	1,2-Dichlorobenzene	0.540	0.478	11.5	95	-0.03
78 T	Hexachloro-1,3-Butadiene	0.433	0.355	18.0	89	-0.03
79 T	Naphthalene	0.574	0.634	-10.5	95	-0.03
80 T	Naphthalene,2-methyl-	0.128	0.263	-105.5#	96	-0.03
81 T	1,2,4-Trichlorobenzene	0.384	0.363	5.5	88	-0.03

(#) = Out of Range

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