

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036161.D
 Acq On : 11 Dec 2020 12:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 11 16:02:04 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	99	-0.03
2 T	Dichlorodifluoromethane	1.165	1.031	11.5	93	-0.02
3	Chlorodifluoromethane	1.141	1.255	-10.0	112	-0.02
4	Chloromethane	0.560	0.596	-6.4	109	-0.01
5 T	Vinyl Chloride	0.623	0.583	6.4	105	-0.02
6 T	Bromomethane	0.322	0.292	9.3	96	-0.02
7	Chloroethane	0.212	0.205	3.3	105	-0.02
8 T	Dichlorotetrafluoroethane	1.295	1.337	-3.2	105	-0.02
9 T	Propene	0.572	0.557	2.6	106	-0.02
10 T	Heptane	1.460	1.430	2.1	102	-0.03
11 T	Trichlorofluoromethane	1.370	1.425	-4.0	106	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.880	5.5	96	-0.02
13	Ethanol	0.079	0.073	7.6	98	-0.01
14 T	Bromoethene	0.382	0.368	3.7	98	-0.02
15 T	Acetone	1.202	1.233	-2.6	117	-0.02
16 T	1,3-Butadiene	0.605	0.575	5.0	98	-0.02
17	tert-Butyl alcohol	1.164	0.850	27.0	74	-0.02
18 T	1,1-Dichloroethene	0.413	0.396	4.1	97	-0.02
19 T	Isopropyl Alcohol	0.735	0.584	20.5	83	-0.02
20 T	Methylene Chloride	0.492	0.338	31.3#	90	-0.02
21 T	Allyl Chloride	0.799	0.686	14.1	85	-0.02
22 T	trans-1,2-Dichloroethene	0.414	0.389	6.0	95	-0.03
23 T	Vinyl Acetate	1.600	1.561	2.4	99	-0.02
24 T	1,1-Dichloroethane	1.125	1.072	4.7	100	-0.02
25 T	Ethyl Acetate	2.401	2.418	-0.7	103	-0.03
26 T	Hexane	1.081	0.991	8.3	103	-0.03
27 T	Carbon Disulfide	1.074	0.954	11.2	86	-0.02
28 T	Methyl tert-Butyl Ether	1.536	1.351	12.0	90	-0.02
29 T	Chloroform	1.419	1.512	-6.6	109	-0.02
30 T	Cyclohexane	0.794	0.777	2.1	104	-0.03
31 T	cis-1,2-Dichloroethene	0.982	1.048	-6.7	108	-0.02
32 T	1,1,1-Trichloroethane	1.464	1.482	-1.2	106	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.03
34 T	2-Butanone	0.663	0.711	-7.2	105	-0.02
35 T	Carbon Tetrachloride	0.583	0.686	-17.7	102	-0.03
36 T	Benzene	0.847	0.953	-12.5	103	-0.03
37 T	1,2-Dichloroethane	0.491	0.633	-28.9	116	-0.03
38 T	Trichloroethene	0.317	0.289	8.8	90	-0.03
39 T	1,2-Dichloropropane	0.335	0.391	-16.7	104	-0.03
40 T	1,4-Dioxane	0.105	0.115	-9.5	102	-0.03
41 T	Tetrahydrofuran	0.394	0.442	-12.2	105	-0.03
42 T	Bromodichloromethane	0.654	0.816	-24.8	109	-0.03
43	Methyl Methacrylate	0.364	0.441	-21.2	107	-0.03
44 T	2,2,4-Trimethylpentane	1.535	1.720	-12.1	105	-0.03
45 T	t-1,3-Dichloropropene	0.374	0.463	-23.8	102	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.552	-17.9	102	-0.03
47 T	1,1,2-Trichloroethane	0.322	0.363	-12.7	104	-0.03
48 T	Dibromochloromethane	0.486	0.573	-17.9	97	-0.03
49 T	Bromoform	0.383	0.462	-20.6	96	-0.03
50 T	4-Methyl-2-Pentanone	0.989	1.172	-18.5	107	-0.03
51 T	2-Hexanone	0.773	0.942	-21.9	112	-0.03
52 T	Tetrachloroethene	0.307	0.273	11.1	89	-0.03
53 T	Toluene	0.952	1.043	-9.6	100	-0.03
54 T	1,2-Dibromoethane	0.483	0.544	-12.6	103	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	-0.03
56	1,1,1,2-Tetrachloroethane	0.415	0.442	-6.5	96	-0.03
57 T	Chlorobenzene	0.702	0.736	-4.8	99	-0.03
58 T	Ethyl Benzene	1.370	1.509	-10.1	105	-0.04
59 T	m/p-Xylene	1.154	1.280	-10.9	106	-0.03
60 T	o-Xylene	1.088	1.199	-10.2	107	-0.04
61 T	Styrene	0.698	0.797	-14.2	103	-0.03
62	Isopropylbenzene	1.612	1.709	-6.0	103	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.732	0.836	-14.2	115	-0.03
64	n-propylbenzene	0.388	0.417	-7.5	101	-0.03
65	tert-Butylbenzene	1.319	1.406	-6.6	104	-0.03
66 T	Benzyl Chloride	0.329	0.428	-30.1#	95	-0.03
67	sec-Butylbenzene	1.847	2.048	-10.9	109	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.794	0.868	-9.3	97	-0.03
69	p-Isopropyltoluene	1.469	1.618	-10.1	106	-0.03
70	n-Butylbenzene	1.452	1.841	-26.8	121	-0.03
71	2-Chlorotoluene	1.219	1.409	-15.6	112	-0.04
72 T	4-Ethyltoluene	1.178	1.335	-13.3	108	-0.03
73 T	1,3,5-Trimethylbenzene	1.125	1.255	-11.6	107	-0.03
74 T	1,2,4-Trimethylbenzene	1.129	1.282	-13.6	110	-0.03
75 T	1,3-Dichlorobenzene	0.565	0.625	-10.6	105	-0.03
76 T	1,4-Dichlorobenzene	0.576	0.615	-6.8	103	-0.04
77 T	1,2-Dichlorobenzene	0.540	0.604	-11.9	109	-0.03
78 T	Hexachloro-1,3-Butadiene	0.433	0.363	16.2	83	-0.03
79 T	Naphthalene	0.574	0.651	-13.4	89	-0.04
80 T	Naphthalene,2-methyl-	0.128	0.255	-99.2#	85	-0.03
81 T	1,2,4-Trichlorobenzene	0.384	0.366	4.7	81	-0.04

(#) = Out of Range

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