

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL122320\
 Data File : VL036208.D
 Acq On : 24 Dec 2020 8:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 25 01:12:41 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	108	-0.03
2 T	Dichlorodifluoromethane	1.165	0.772	33.7#	77	-0.02
3	Chlorodifluoromethane	1.141	1.272	-11.5	125	-0.02
4	Chloromethane	0.560	0.579	-3.4	116	-0.02
5 T	Vinyl Chloride	0.623	0.578	7.2	114	-0.02
6 T	Bromomethane	0.322	0.310	3.7	112	-0.02
7	Chloroethane	0.212	0.210	0.9	118	-0.02
8 T	Dichlorotetrafluoroethane	1.295	1.284	0.8	111	-0.02
9 T	Propene	0.572	0.542	5.2	114	-0.02
10 T	Heptane	1.460	1.382	5.3	108	-0.04
11 T	Trichlorofluoromethane	1.370	1.561	-13.9	127	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.953	-2.4	114	-0.03
13	Ethanol	0.079	0.088	-11.4	130	-0.02
14 T	Bromoethene	0.382	0.375	1.8	110	-0.02
15 T	Acetone	1.202	1.385	-15.2	144	-0.02
16 T	1,3-Butadiene	0.605	0.596	1.5	111	-0.02
17	tert-Butyl alcohol	1.164	1.014	12.9	97	-0.02
18 T	1,1-Dichloroethene	0.413	0.411	0.5	110	-0.02
19 T	Isopropyl Alcohol	0.735	0.722	1.8	113	-0.02
20 T	Methylene Chloride	0.492	0.376	23.6	109	-0.03
21 T	Allyl Chloride	0.799	0.733	8.3	99	-0.03
22 T	trans-1,2-Dichloroethene	0.414	0.399	3.6	106	-0.03
23 T	Vinyl Acetate	1.600	1.650	-3.1	114	-0.03
24 T	1,1-Dichloroethane	1.125	1.098	2.4	112	-0.03
25 T	Ethyl Acetate	2.401	2.376	1.0	110	-0.03
26 T	Hexane	1.081	0.965	10.7	110	-0.03
27 T	Carbon Disulfide	1.074	1.037	3.4	102	-0.03
28 T	Methyl tert-Butyl Ether	1.536	1.408	8.3	103	-0.03
29 T	Chloroform	1.419	1.513	-6.6	119	-0.02
30 T	Cyclohexane	0.794	0.746	6.0	109	-0.03
31 T	cis-1,2-Dichloroethene	0.982	1.038	-5.7	117	-0.03
32 T	1,1,1-Trichloroethane	1.464	1.504	-2.7	118	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.03
34 T	2-Butanone	0.663	0.769	-16.0	117	-0.03
35 T	Carbon Tetrachloride	0.583	0.752	-29.0	116	-0.03
36 T	Benzene	0.847	0.955	-12.8	108	-0.03
37 T	1,2-Dichloroethane	0.491	0.692	-40.9#	132	-0.03
38 T	Trichloroethene	0.317	0.298	6.0	96	-0.04
39 T	1,2-Dichloropropane	0.335	0.407	-21.5	112	-0.04
40 T	1,4-Dioxane	0.105	0.121	-15.2	111	-0.04
41 T	Tetrahydrofuran	0.394	0.439	-11.4	108	-0.03
42 T	Bromodichloromethane	0.654	0.878	-34.3#	122	-0.03
43	Methyl Methacrylate	0.364	0.439	-20.6	111	-0.03
44 T	2,2,4-Trimethylpentane	1.535	1.754	-14.3	111	-0.03
45 T	t-1,3-Dichloropropene	0.374	0.485	-29.7	111	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.581	-24.1	112	-0.03
47 T	1,1,2-Trichloroethane	0.322	0.369	-14.6	109	-0.03
48 T	Dibromochloromethane	0.486	0.605	-24.5	107	-0.03
49 T	Bromoform	0.383	0.481	-25.6	104	-0.04
50 T	4-Methyl-2-Pentanone	0.989	1.190	-20.3	113	-0.03
51 T	2-Hexanone	0.773	0.992	-28.3	122	-0.03
52 T	Tetrachloroethene	0.307	0.280	8.8	95	-0.03
53 T	Toluene	0.952	1.051	-10.4	105	-0.04
54 T	1,2-Dibromoethane	0.483	0.564	-16.8	111	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.03
56	1,1,1,2-Tetrachloroethane	0.415	0.441	-6.3	106	-0.03
57 T	Chlorobenzene	0.702	0.701	0.1	104	-0.04
58 T	Ethyl Benzene	1.370	1.457	-6.4	112	-0.04
59 T	m/p-Xylene	1.154	1.249	-8.2	114	-0.03
60 T	o-Xylene	1.088	1.173	-7.8	116	-0.04
61 T	Styrene	0.698	0.761	-9.0	109	-0.04
62	Isopropylbenzene	1.612	1.649	-2.3	110	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.732	0.816	-11.5	124	-0.03
64	n-propylbenzene	0.388	0.401	-3.4	108	-0.04
65	tert-Butylbenzene	1.319	1.372	-4.0	112	-0.04
66 T	Benzyl Chloride	0.329	0.463	-40.7#	114	-0.03
67	sec-Butylbenzene	1.847	1.994	-8.0	117	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.794	0.837	-5.4	104	-0.04
69	p-Isopropyltoluene	1.469	1.574	-7.1	114	-0.03
70	n-Butylbenzene	1.452	1.781	-22.7	130	-0.03
71	2-Chlorotoluene	1.219	1.365	-12.0	120	-0.04
72 T	4-Ethyltoluene	1.178	1.284	-9.0	115	-0.03
73 T	1,3,5-Trimethylbenzene	1.125	1.214	-7.9	115	-0.03
74 T	1,2,4-Trimethylbenzene	1.129	1.244	-10.2	118	-0.03
75 T	1,3-Dichlorobenzene	0.565	0.607	-7.4	113	-0.03
76 T	1,4-Dichlorobenzene	0.576	0.599	-4.0	111	-0.04
77 T	1,2-Dichlorobenzene	0.540	0.585	-8.3	117	-0.04
78 T	Hexachloro-1,3-Butadiene	0.433	0.338	21.9	86	-0.03
79 T	Naphthalene	0.574	0.613	-6.8	93	-0.04
80 T	Naphthalene,2-methyl-	0.128	0.252	-96.9#	93	-0.03
81 T	1,2,4-Trichlorobenzene	0.384	0.339	11.7	83	-0.04

(#) = Out of Range

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