

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121620\
 Data File : VL036190.D
 Acq On : 17 Dec 2020 6:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 17 08:03:30 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	110	0.00
2 T	Dichlorodifluoromethane	1.165	1.266	-8.7	127	0.00
3	Chlorodifluoromethane	1.141	1.193	-4.6	119	0.00
4	Chloromethane	0.560	0.553	1.3	113	0.00
5 T	Vinyl Chloride	0.623	0.562	9.8	112	0.00
6 T	Bromomethane	0.322	0.306	5.0	112	0.00
7	Chloroethane	0.212	0.184	13.2	105	0.00
8 T	Dichlorotetrafluoroethane	1.295	1.306	-0.8	114	0.00
9 T	Propene	0.572	0.544	4.9	116	0.00
10 T	Heptane	1.460	1.380	5.5	110	0.00
11 T	Trichlorofluoromethane	1.370	1.428	-4.2	118	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.901	3.2	109	0.00
13	Ethanol	0.079	0.076	3.8	114	0.00
14 T	Bromoethene	0.382	0.365	4.5	108	0.00
15 T	Acetone	1.202	1.077	10.4	114	0.00
16 T	1,3-Butadiene	0.605	0.589	2.6	112	0.00
17	tert-Butyl alcohol	1.164	1.057	9.2	102	0.00
18 T	1,1-Dichloroethene	0.413	0.395	4.4	107	0.00
19 T	Isopropyl Alcohol	0.735	0.687	6.5	109	0.00
20 T	Methylene Chloride	0.492	0.336	31.7#	99	0.00
21 T	Allyl Chloride	0.799	0.728	8.9	100	0.00
22 T	trans-1,2-Dichloroethene	0.414	0.376	9.2	102	0.00
23 T	Vinyl Acetate	1.600	1.547	3.3	109	0.00
24 T	1,1-Dichloroethane	1.125	1.074	4.5	111	0.00
25 T	Ethyl Acetate	2.401	2.346	2.3	110	0.00
26 T	Hexane	1.081	0.964	10.8	112	0.00
27 T	Carbon Disulfide	1.074	0.964	10.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.536	1.407	8.4	104	0.00
29 T	Chloroform	1.419	1.491	-5.1	119	0.00
30 T	Cyclohexane	0.794	0.758	4.5	112	0.00
31 T	cis-1,2-Dichloroethene	0.982	1.013	-3.2	116	0.00
32 T	1,1,1-Trichloroethane	1.464	1.444	1.4	115	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.663	0.694	-4.7	115	0.00
35 T	Carbon Tetrachloride	0.583	0.653	-12.0	109	0.00
36 T	Benzene	0.847	0.905	-6.8	111	0.00
37 T	1,2-Dichloroethane	0.491	0.601	-22.4	124	0.00
38 T	Trichloroethene	0.317	0.279	12.0	98	0.00
39 T	1,2-Dichloropropane	0.335	0.368	-9.9	111	0.00
40 T	1,4-Dioxane	0.105	0.107	-1.9	108	0.00
41 T	Tetrahydrofuran	0.394	0.418	-6.1	112	0.00
42 T	Bromodichloromethane	0.654	0.770	-17.7	116	0.00
43	Methyl Methacrylate	0.364	0.416	-14.3	114	0.00
44 T	2,2,4-Trimethylpentane	1.535	1.611	-5.0	111	0.00
45 T	t-1,3-Dichloropropene	0.374	0.438	-17.1	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.522	-11.5	110	0.00
47 T	1,1,2-Trichloroethane	0.322	0.350	-8.7	113	0.00
48 T	Dibromochloromethane	0.486	0.543	-11.7	104	0.00
49 T	Bromoform	0.383	0.439	-14.6	103	0.00
50 T	4-Methyl-2-Pentanone	0.989	1.108	-12.0	115	0.00
51 T	2-Hexanone	0.773	0.902	-16.7	121	0.00
52 T	Tetrachloroethene	0.307	0.272	11.4	101	0.00
53 T	Toluene	0.952	1.008	-5.9	110	0.00
54 T	1,2-Dibromoethane	0.483	0.517	-7.0	111	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.415	0.433	-4.3	106	0.00
57 T	Chlorobenzene	0.702	0.720	-2.6	109	0.00
58 T	Ethyl Benzene	1.370	1.461	-6.6	114	0.00
59 T	m/p-Xylene	1.154	1.242	-7.6	115	0.00
60 T	o-Xylene	1.088	1.162	-6.8	116	0.00
61 T	Styrene	0.698	0.785	-12.5	114	0.00
62	Isopropylbenzene	1.612	1.668	-3.5	113	0.00
63 T	1,1,2,2-Tetrachloroethane	0.732	0.797	-8.9	122	0.00
64	n-propylbenzene	0.388	0.405	-4.4	110	0.00
65	tert-Butylbenzene	1.319	1.391	-5.5	115	0.00
66 T	Benzyl Chloride	0.329	0.431	-31.0#	108	0.00
67	sec-Butylbenzene	1.847	2.030	-9.9	121	0.00
68 S	1-Bromo-4-Fluorobenzene	0.794	0.876	-10.3	110	0.00
69	p-Isopropyltoluene	1.469	1.595	-8.6	117	0.00
70	n-Butylbenzene	1.452	1.790	-23.3	132	0.00
71	2-Chlorotoluene	1.219	1.361	-11.6	121	0.00
72 T	4-Ethyltoluene	1.178	1.300	-10.4	117	0.00
73 T	1,3,5-Trimethylbenzene	1.125	1.232	-9.5	118	0.00
74 T	1,2,4-Trimethylbenzene	1.129	1.258	-11.4	121	0.00
75 T	1,3-Dichlorobenzene	0.565	0.612	-8.3	115	0.00
76 T	1,4-Dichlorobenzene	0.576	0.595	-3.3	111	0.00
77 T	1,2-Dichlorobenzene	0.540	0.583	-8.0	118	0.00
78 T	Hexachloro-1,3-Butadiene	0.433	0.374	13.6	96	0.00
79 T	Naphthalene	0.574	0.720	-25.4	110	0.00
80 T	Naphthalene,2-methyl-	0.128	0.197	-53.9#	74	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.374	2.6	92	0.00

(#) = Out of Range

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