

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120721\
 Data File : VL038143.D
 Acq On : 7 Dec 2021 10:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 07 14:27:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 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	96	0.00
2 T	Dichlorodifluoromethane	1.652	1.315	20.4	100	0.00
3	Chlorodifluoromethane	2.100	2.292	-9.1	118	0.00
4	Chloromethane	0.715	0.783	-9.5	116	0.00
5 T	Vinyl Chloride	0.701	0.789	-12.6	116	0.00
6 T	Bromomethane	0.376	0.421	-12.0	115	0.00
7	Chloroethane	0.249	0.265	-6.4	114	0.00
8 T	Dichlorotetrafluoroethane	1.643	1.782	-8.5	115	0.00
9 T	Propene	0.773	0.773	0.0	107	0.00
10 T	Heptane	1.911	1.956	-2.4	111	0.00
11 T	Trichlorofluoromethane	1.571	1.870	-19.0	127	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.364	-22.8	127	0.00
13	Ethanol	0.075	0.080	-6.7	137	0.00
14 T	Bromoethene	0.498	0.565	-13.5	122	0.00
15 T	Acetone	0.867	0.947	-9.2	126	0.00
16 T	1,3-Butadiene	0.676	0.756	-11.8	117	0.00
17	tert-Butyl alcohol	1.052	1.143	-8.7	116	0.00
18 T	1,1-Dichloroethene	0.510	0.605	-18.6	124	0.00
19 T	Isopropyl Alcohol	0.626	0.629	-0.5	119	0.00
20 T	Methylene Chloride	0.486	0.526	-8.2	127	0.00
21 T	Allyl Chloride	0.803	0.894	-11.3	114	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.644	-24.8	128	0.00
23 T	Vinyl Acetate	1.255	1.449	-15.5	113	0.00
24 T	1,1-Dichloroethane	1.045	1.255	-20.1	122	0.00
25 T	Ethyl Acetate	2.882	2.934	-1.8	112	0.00
26 T	Hexane	1.389	1.375	1.0	111	0.00
27 T	Carbon Disulfide	1.244	1.481	-19.1	115	0.00
28 T	Methyl tert-Butyl Ether	1.180	1.404	-19.0	120	0.00
29 T	Chloroform	2.047	2.187	-6.8	115	0.00
30 T	Cyclohexane	1.261	1.263	-0.2	110	0.00
31 T	cis-1,2-Dichloroethene	1.321	1.225	7.3	96	0.00
32 T	1,1,1-Trichloroethane	2.077	2.255	-8.6	114	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.403	0.342	15.1	89	0.00
35 T	Carbon Tetrachloride	0.703	0.792	-12.7	116	0.00
36 T	Benzene	0.998	1.052	-5.4	111	0.00
37 T	1,2-Dichloroethane	0.482	0.591	-22.6	124	0.00
38 T	Trichloroethene	0.376	0.378	-0.5	109	0.00
39 T	1,2-Dichloropropane	0.383	0.411	-7.3	110	0.00
40 T	1,4-Dioxane	0.100	0.101	-1.0	111	0.00
41 T	Tetrahydrofuran	0.250	0.252	-0.8	108	0.00
42 T	Bromodichloromethane	0.732	0.851	-16.3	119	0.00
43	Methyl Methacrylate	0.341	0.388	-13.8	112	-0.01
44 T	2,2,4-Trimethylpentane	1.669	1.703	-2.0	112	0.00
45 T	t-1,3-Dichloropropene	0.274	0.354	-29.2	114	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.441	-19.2	114	0.00
47 T	1,1,2-Trichloroethane	0.401	0.414	-3.2	107	-0.01
48 T	Dibromochloromethane	0.610	0.683	-12.0	109	0.00
49 T	Bromoform	0.437	0.483	-10.5	108	0.00
50 T	4-Methyl-2-Pentanone	0.612	0.689	-12.6	113	0.00
51 T	2-Hexanone	0.288	0.317	-10.1	111	0.00
52 T	Tetrachloroethene	0.369	0.338	8.4	106	0.00
53 T	Toluene	1.148	1.167	-1.7	107	0.00
54 T	1,2-Dibromoethane	0.566	0.611	-8.0	111	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.454	0.470	-3.5	110	-0.01
57 T	Chlorobenzene	0.896	0.874	2.5	108	0.00
58 T	Ethyl Benzene	1.653	1.638	0.9	110	0.00
59 T	m/p-Xylene	1.391	1.395	-0.3	113	0.00
60 T	o-Xylene	1.291	1.245	3.6	110	-0.01
61 T	Styrene	0.692	0.681	1.6	102	0.00
62	Isopropylbenzene	1.832	1.701	7.2	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.959	0.892	7.0	113	0.00
64	n-propylbenzene	0.467	0.444	4.9	105	-0.01
65	tert-Butylbenzene	1.614	1.443	10.6	107	0.00
66 T	Benzyl Chloride	0.082	0.072	12.2	81	0.00
67	sec-Butylbenzene	2.249	2.034	9.6	106	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.721	0.788	-9.3	105	-0.01
69	p-Isopropyltoluene	1.759	1.642	6.7	106	0.00
70	n-Butylbenzene	1.682	1.639	2.6	110	-0.01
71	2-Chlorotoluene	1.339	1.279	4.5	109	0.00
72 T	4-Ethyltoluene	1.496	1.487	0.6	109	0.00
73 T	1,3,5-Trimethylbenzene	1.367	1.299	5.0	109	0.00
74 T	1,2,4-Trimethylbenzene	1.408	1.312	6.8	108	0.00
75 T	1,3-Dichlorobenzene	0.774	0.733	5.3	105	0.00
76 T	1,4-Dichlorobenzene	0.778	0.699	10.2	104	0.00
77 T	1,2-Dichlorobenzene	0.749	0.693	7.5	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.468	0.380	18.8	107	-0.02
79 T	Naphthalene	0.742	0.712	4.0	100	0.00
80 T	Naphthalene,2-methyl-	0.159	0.153	3.8	85	0.00
81 T	1,2,4-Trichlorobenzene	0.426	0.397	6.8	102	-0.01

(#) = Out of Range

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