

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038079.D
 Acq On : 19 Nov 2021 10:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 06:54:46 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	79	-0.02
2 T	Dichlorodifluoromethane	1.652	1.517	8.2	95	0.00
3	Chlorodifluoromethane	2.100	2.032	3.2	86	0.00
4	Chloromethane	0.715	0.696	2.7	85	0.00
5 T	Vinyl Chloride	0.701	0.692	1.3	84	0.00
6 T	Bromomethane	0.376	0.364	3.2	82	0.00
7	Chloroethane	0.249	0.225	9.6	80	-0.01
8 T	Dichlorotetrafluoroethane	1.643	1.627	1.0	87	0.00
9 T	Propene	0.773	0.727	6.0	83	0.00
10 T	Heptane	1.911	1.813	5.1	85	-0.02
11 T	Trichlorofluoromethane	1.571	1.534	2.4	86	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.091	1.8	84	0.00
13	Ethanol	0.075	0.066	12.0	93	0.00
14 T	Bromoethene	0.498	0.487	2.2	87	0.00
15 T	Acetone	0.867	0.807	6.9	89	0.00
16 T	1,3-Butadiene	0.676	0.656	3.0	84	-0.01
17	tert-Butyl alcohol	1.052	0.920	12.5	77	0.00
18 T	1,1-Dichloroethene	0.510	0.487	4.5	83	0.00
19 T	Isopropyl Alcohol	0.626	0.536	14.4	83	-0.01
20 T	Methylene Chloride	0.486	0.416	14.4	83	0.00
21 T	Allyl Chloride	0.803	0.762	5.1	80	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.513	0.6	84	-0.01
23 T	Vinyl Acetate	1.255	1.276	-1.7	82	-0.02
24 T	1,1-Dichloroethane	1.045	1.030	1.4	83	0.00
25 T	Ethyl Acetate	2.882	2.779	3.6	87	-0.01
26 T	Hexane	1.389	1.310	5.7	88	0.00
27 T	Carbon Disulfide	1.244	1.217	2.2	78	0.00
28 T	Methyl tert-Butyl Ether	1.180	1.144	3.1	81	-0.01
29 T	Chloroform	2.047	1.994	2.6	87	-0.01
30 T	Cyclohexane	1.261	1.171	7.1	84	-0.01
31 T	cis-1,2-Dichloroethene	1.321	1.297	1.8	84	-0.01
32 T	1,1,1-Trichloroethane	2.077	2.001	3.7	83	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	-0.02
34 T	2-Butanone	0.403	0.396	1.7	86	-0.01
35 T	Carbon Tetrachloride	0.703	0.698	0.7	85	-0.02
36 T	Benzene	0.998	0.959	3.9	85	-0.02
37 T	1,2-Dichloroethane	0.482	0.499	-3.5	87	-0.01
38 T	Trichloroethene	0.376	0.342	9.0	82	-0.02
39 T	1,2-Dichloropropane	0.383	0.373	2.6	84	-0.02
40 T	1,4-Dioxane	0.100	0.089	11.0	81	-0.02
41 T	Tetrahydrofuran	0.250	0.241	3.6	86	-0.01
42 T	Bromodichloromethane	0.732	0.741	-1.2	86	-0.02
43	Methyl Methacrylate	0.341	0.355	-4.1	86	-0.02
44 T	2,2,4-Trimethylpentane	1.669	1.560	6.5	86	-0.02
45 T	t-1,3-Dichloropropene	0.274	0.300	-9.5	80	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.389	-5.1	84	-0.02
47 T	1,1,2-Trichloroethane	0.401	0.384	4.2	83	-0.02
48 T	Dibromochloromethane	0.610	0.619	-1.5	82	-0.02
49 T	Bromoform	0.437	0.457	-4.6	85	-0.02
50 T	4-Methyl-2-Pentanone	0.612	0.630	-2.9	86	-0.01
51 T	2-Hexanone	0.288	0.292	-1.4	85	-0.02
52 T	Tetrachloroethene	0.369	0.317	14.1	83	-0.02
53 T	Toluene	1.148	1.095	4.6	84	-0.01
54 T	1,2-Dibromoethane	0.566	0.547	3.4	82	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	76	-0.02
56	1,1,1,2-Tetrachloroethane	0.454	0.451	0.7	83	-0.02
57 T	Chlorobenzene	0.896	0.878	2.0	85	-0.02
58 T	Ethyl Benzene	1.653	1.637	1.0	86	-0.02
59 T	m/p-Xylene	1.391	1.336	4.0	85	-0.02
60 T	o-Xylene	1.291	1.227	5.0	85	-0.02
61 T	Styrene	0.692	0.697	-0.7	82	-0.02
62	Isopropylbenzene	1.832	1.733	5.4	85	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.959	0.871	9.2	86	-0.02
64	n-propylbenzene	0.467	0.452	3.2	84	-0.02
65	tert-Butylbenzene	1.614	1.458	9.7	85	-0.02
66 T	Benzyl Chloride	0.082	0.068	17.1	61	-0.01
67	sec-Butylbenzene	2.249	2.051	8.8	84	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.721	0.753	-4.4	79	-0.02
69	p-Isopropyltoluene	1.759	1.657	5.8	84	-0.02
70	n-Butylbenzene	1.682	1.606	4.5	85	-0.02
71	2-Chlorotoluene	1.339	1.288	3.8	86	-0.02
72 T	4-Ethyltoluene	1.496	1.482	0.9	85	-0.02
73 T	1,3,5-Trimethylbenzene	1.367	1.301	4.8	86	-0.02
74 T	1,2,4-Trimethylbenzene	1.408	1.314	6.7	85	-0.02
75 T	1,3-Dichlorobenzene	0.774	0.737	4.8	83	-0.02
76 T	1,4-Dichlorobenzene	0.778	0.736	5.4	86	-0.02
77 T	1,2-Dichlorobenzene	0.749	0.690	7.9	83	-0.02
78 T	Hexachloro-1,3-Butadiene	0.468	0.371	20.7	82	-0.02
79 T	Naphthalene	0.742	0.737	0.7	81	-0.02
80 T	Naphthalene,2-methyl-	0.159	0.170	-6.9	74	-0.01
81 T	1,2,4-Trichlorobenzene	0.426	0.398	6.6	81	-0.02

(#) = Out of Range

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