

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL060821\
 Data File : VL037126.D
 Acq On : 8 Jun 2021 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 09 01:28:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 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	104	0.01
2 T	Dichlorodifluoromethane	1.696	1.313	22.6	91	0.01
3	Chlorodifluoromethane	1.832	1.924	-5.0	123	0.00
4	Chloromethane	0.623	0.655	-5.1	119	0.00
5 T	Vinyl Chloride	0.681	0.718	-5.4	121	0.00
6 T	Bromomethane	0.359	0.408	-13.6	127	0.01
7	Chloroethane	0.221	0.262	-18.6	122	0.01
8 T	Dichlorotetrafluoroethane	1.593	1.751	-9.9	125	0.00
9 T	Propene	0.656	0.629	4.1	109	0.00
10 T	Heptane	1.635	1.586	3.0	112	0.02
11 T	Trichlorofluoromethane	1.570	1.909	-21.6	135	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.118	1.378	-23.3	138	0.01
13	Ethanol	0.088	0.092	-4.5	142	0.00
14 T	Bromoethene	0.493	0.536	-8.7	119	0.00
15 T	Acetone	1.024	0.958	6.4	130	0.00
16 T	1,3-Butadiene	0.636	0.680	-6.9	119	0.00
17	tert-Butyl alcohol	0.938	1.071	-14.2	117	0.02
18 T	1,1-Dichloroethene	0.517	0.607	-17.4	131	0.01
19 T	Isopropyl Alcohol	0.551	0.618	-12.2	130	0.00
20 T	Methylene Chloride	0.549	0.503	8.4	124	0.02
21 T	Allyl Chloride	0.773	0.854	-10.5	123	0.01
22 T	trans-1,2-Dichloroethene	0.496	0.629	-26.8	142	0.02
23 T	Vinyl Acetate	1.626	1.507	7.3	99	0.01
24 T	1,1-Dichloroethane	1.170	1.240	-6.0	113	0.02
25 T	Ethyl Acetate	2.461	2.487	-1.1	117	0.01
26 T	Hexane	1.257	1.174	6.6	113	0.02
27 T	Carbon Disulfide	1.267	1.414	-11.6	121	0.01
28 T	Methyl tert-Butyl Ether	1.507	1.361	9.7	100	0.01
29 T	Chloroform	1.776	1.950	-9.8	125	0.02
30 T	Cyclohexane	1.068	1.069	-0.1	114	0.02
31 T	cis-1,2-Dichloroethene	1.127	1.192	-5.8	119	0.02
32 T	1,1,1-Trichloroethane	1.907	2.057	-7.9	127	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.02
34 T	2-Butanone	0.364	0.373	-2.5	117	0.01
35 T	Carbon Tetrachloride	0.664	0.715	-7.7	132	0.02
36 T	Benzene	0.861	0.822	4.5	114	0.02
37 T	1,2-Dichloroethane	0.427	0.482	-12.9	130	0.02
38 T	Trichloroethene	0.368	0.355	3.5	127	0.02
39 T	1,2-Dichloropropane	0.332	0.314	5.4	112	0.02
40 T	1,4-Dioxane	0.078	0.081	-3.8	145	0.02
41 T	Tetrahydrofuran	0.207	0.196	5.3	110	0.02
42 T	Bromodichloromethane	0.646	0.685	-6.0	122	0.02
43	Methyl Methacrylate	0.297	0.299	-0.7	113	0.01
44 T	2,2,4-Trimethylpentane	1.478	1.357	8.2	115	0.02
45 T	t-1,3-Dichloropropene	0.227	0.238	-4.8	111	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.305	0.314	-3.0	112	0.02
47 T	1,1,2-Trichloroethane	0.347	0.352	-1.4	120	0.02
48 T	Dibromochloromethane	0.562	0.629	-11.9	124	0.02
49 T	Bromoform	0.464	0.524	-12.9	122	0.02
50 T	4-Methyl-2-Pentanone	0.601	0.582	3.2	112	0.02
51 T	2-Hexanone	0.318	0.310	2.5	110	0.02
52 T	Tetrachloroethene	0.343	0.344	-0.3	124	0.02
53 T	Toluene	1.025	0.992	3.2	118	0.02
54 T	1,2-Dibromoethane	0.494	0.524	-6.1	122	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.02
56	1,1,1,2-Tetrachloroethane	0.421	0.453	-7.6	128	0.01
57 T	Chlorobenzene	0.775	0.783	-1.0	122	0.02
58 T	Ethyl Benzene	1.411	1.384	1.9	118	0.02
59 T	m/p-Xylene	1.167	1.166	0.1	122	0.01
60 T	o-Xylene	1.113	1.113	0.0	123	0.02
61 T	Styrene	0.627	0.647	-3.2	116	0.02
62	Isopropylbenzene	1.599	1.566	2.1	122	0.02
63 T	1,1,2,2-Tetrachloroethane	0.831	0.755	9.1	120	0.02
64	n-propylbenzene	0.413	0.430	-4.1	122	0.02
65	tert-Butylbenzene	1.443	1.447	-0.3	126	0.02
66 T	Benzyl Chloride	0.080	0.070	12.5	95	0.02
67	sec-Butylbenzene	1.968	1.944	1.2	123	0.02
68 S	1-Bromo-4-Fluorobenzene	0.751	0.764	-1.7	106	0.02
69	p-Isopropyltoluene	1.692	1.727	-2.1	125	0.02
70	n-Butylbenzene	1.608	1.670	-3.9	123	0.02
71	2-Chlorotoluene	1.155	1.156	-0.1	120	0.02
72 T	4-Ethyltoluene	1.321	1.399	-5.9	123	0.02
73 T	1,3,5-Trimethylbenzene	1.240	1.271	-2.5	124	0.02
74 T	1,2,4-Trimethylbenzene	1.282	1.329	-3.7	127	0.02
75 T	1,3-Dichlorobenzene	0.783	0.828	-5.7	125	0.02
76 T	1,4-Dichlorobenzene	0.792	0.798	-0.8	125	0.02
77 T	1,2-Dichlorobenzene	0.785	0.807	-2.8	125	0.01
78 T	Hexachloro-1,3-Butadiene	0.631	0.584	7.4	124	0.02
79 T	Naphthalene	1.006	1.178	-17.1	120	0.02
80 T	Naphthalene,2-methyl-	0.219	0.303	-38.4#	147	0.00
81 T	1,2,4-Trichlorobenzene	0.613	0.664	-8.3	121	0.02

(#) = Out of Range

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