

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037727.D
 Acq On : 29 Sep 2021 11:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 29 22:35:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	78	0.02
2 T	Dichlorodifluoromethane	1.810	1.356	25.1	54	0.00
3	Chlorodifluoromethane	1.886	1.963	-4.1	88	0.01
4	Chloromethane	0.697	0.741	-6.3	88	0.01
5 T	Vinyl Chloride	0.655	0.757	-15.6	89	0.00
6 T	Bromomethane	0.380	0.414	-8.9	87	0.01
7	Chloroethane	0.245	0.260	-6.1	92	0.01
8 T	Dichlorotetrafluoroethane	1.561	1.682	-7.8	88	0.01
9 T	Propene	0.665	0.776	-16.7	99	0.00
10 T	Heptane	1.553	1.825	-17.5	90	0.01
11 T	Trichlorofluoromethane	1.453	1.497	-3.0	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.159	-8.1	92	0.01
13	Ethanol	0.065	0.067	-3.1	87	0.02
14 T	Bromoethene	0.488	0.510	-4.5	87	0.01
15 T	Acetone	1.039	0.918	11.6	90	0.01
16 T	1,3-Butadiene	0.649	0.744	-14.6	92	0.00
17	tert-Butyl alcohol	0.881	1.021	-15.9	89	0.01
18 T	1,1-Dichloroethene	0.500	0.527	-5.4	91	0.01
19 T	Isopropyl Alcohol	0.565	0.584	-3.4	86	0.02
20 T	Methylene Chloride	0.496	0.448	9.7	87	0.02
21 T	Allyl Chloride	0.776	0.897	-15.6	94	0.02
22 T	trans-1,2-Dichloroethene	0.503	0.555	-10.3	92	0.01
23 T	Vinyl Acetate	1.438	1.722	-19.7	92	0.01
24 T	1,1-Dichloroethane	1.030	1.079	-4.8	90	0.00
25 T	Ethyl Acetate	2.516	2.801	-11.3	89	0.01
26 T	Hexane	1.195	1.338	-12.0	88	0.02
27 T	Carbon Disulfide	1.094	1.259	-15.1	88	0.01
28 T	Methyl tert-Butyl Ether	1.053	1.191	-13.1	93	0.01
29 T	Chloroform	1.745	1.785	-2.3	83	0.02
30 T	Cyclohexane	1.022	1.100	-7.6	87	0.02
31 T	cis-1,2-Dichloroethene	1.085	1.230	-13.4	88	0.01
32 T	1,1,1-Trichloroethane	1.625	1.697	-4.4	83	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.02
34 T	2-Butanone	0.406	0.424	-4.4	91	0.01
35 T	Carbon Tetrachloride	0.566	0.573	-1.2	81	0.02
36 T	Benzene	0.834	0.898	-7.7	88	0.01
37 T	1,2-Dichloroethane	0.410	0.415	-1.2	83	0.02
38 T	Trichloroethene	0.348	0.350	-0.6	86	0.01
39 T	1,2-Dichloropropane	0.319	0.345	-8.2	87	0.02
40 T	1,4-Dioxane	0.078	0.079	-1.3	77	0.02
41 T	Tetrahydrofuran	0.191	0.222	-16.2	92	0.02
42 T	Bromodichloromethane	0.588	0.622	-5.8	83	0.01
43	Methyl Methacrylate	0.277	0.329	-18.8	88	0.01
44 T	2,2,4-Trimethylpentane	1.402	1.515	-8.1	89	0.02
45 T	t-1,3-Dichloropropene	0.218	0.277	-27.1	85	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.294	0.376	-27.9	89	0.02
47 T	1,1,2-Trichloroethane	0.353	0.349	1.1	82	0.02
48 T	Dibromochloromethane	0.493	0.529	-7.3	79	0.02
49 T	Bromoform	0.394	0.413	-4.8	72	0.01
50 T	4-Methyl-2-Pentanone	0.516	0.602	-16.7	90	0.01
51 T	2-Hexanone	0.228	0.276	-21.1	88	0.02
52 T	Tetrachloroethene	0.320	0.327	-2.2	85	0.02
53 T	Toluene	0.927	1.036	-11.8	87	0.02
54 T	1,2-Dibromoethane	0.484	0.497	-2.7	82	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.01
56	1,1,1,2-Tetrachloroethane	0.415	0.422	-1.7	79	0.01
57 T	Chlorobenzene	0.831	0.825	0.7	80	0.02
58 T	Ethyl Benzene	1.327	1.471	-10.9	82	0.01
59 T	m/p-Xylene	1.157	1.208	-4.4	81	0.01
60 T	o-Xylene	1.101	1.125	-2.2	80	0.01
61 T	Styrene	0.543	0.636	-17.1	78	0.02
62	Isopropylbenzene	1.538	1.568	-2.0	81	0.02
63 T	1,1,2,2-Tetrachloroethane	0.862	0.787	8.7	79	0.02
64	n-propylbenzene	0.397	0.411	-3.5	77	0.02
65	tert-Butylbenzene	1.387	1.382	0.4	81	0.02
66 T	Benzyl Chloride	0.076	0.082	-7.9	77	0.01
67	sec-Butylbenzene	1.882	1.921	-2.1	82	0.01
68 S	1-Bromo-4-Fluorobenzene	0.723	0.728	-0.7	73	0.02
69	p-Isopropyltoluene	1.537	1.611	-4.8	81	0.02
70	n-Butylbenzene	1.454	1.576	-8.4	82	0.02
71	2-Chlorotoluene	1.102	1.140	-3.4	78	0.01
72 T	4-Ethyltoluene	1.264	1.379	-9.1	81	0.02
73 T	1,3,5-Trimethylbenzene	1.178	1.225	-4.0	80	0.02
74 T	1,2,4-Trimethylbenzene	1.241	1.253	-1.0	81	0.02
75 T	1,3-Dichlorobenzene	0.771	0.781	-1.3	80	0.01
76 T	1,4-Dichlorobenzene	0.760	0.736	3.2	77	0.01
77 T	1,2-Dichlorobenzene	0.731	0.740	-1.2	81	0.02
78 T	Hexachloro-1,3-Butadiene	0.615	0.610	0.8	93	0.02
79 T	Naphthalene	0.762	1.071	-40.6#	98	0.02
80 T	Naphthalene,2-methyl-	0.174	0.283	-62.6#	94	0.02
81 T	1,2,4-Trichlorobenzene	0.489	0.619	-26.6	95	0.03

(#) = Out of Range

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