

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090921\
 Data File : VL037594.D
 Acq On : 9 Sep 2021 11:52
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 10 02:47:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 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	98	0.03
2 T	Dichlorodifluoromethane	1.605	1.128	29.7	81	0.01
3	Chlorodifluoromethane	1.915	1.882	1.7	109	0.01
4	Chloromethane	0.684	0.707	-3.4	106	0.02
5 T	Vinyl Chloride	0.701	0.721	-2.9	113	0.02
6 T	Bromomethane	0.384	0.369	3.9	104	0.02
7	Chloroethane	0.239	0.238	0.4	106	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.462	11.7	98	0.02
9 T	Propene	0.685	0.720	-5.1	115	0.02
10 T	Heptane	1.577	1.776	-12.6	117	0.04
11 T	Trichlorofluoromethane	1.506	1.441	4.3	106	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	1.098	0.6	113	0.02
13	Ethanol	0.067	0.064	4.5	85	0.02
14 T	Bromoethene	0.502	0.486	3.2	103	0.02
15 T	Acetone	1.018	0.898	11.8	111	0.02
16 T	1,3-Butadiene	0.653	0.681	-4.3	110	0.02
17	tert-Butyl alcohol	0.930	0.957	-2.9	102	0.02
18 T	1,1-Dichloroethene	0.502	0.479	4.6	104	0.02
19 T	Isopropyl Alcohol	0.583	0.564	3.3	96	0.02
20 T	Methylene Chloride	0.510	0.419	17.8	102	0.02
21 T	Allyl Chloride	0.827	0.816	1.3	103	0.02
22 T	trans-1,2-Dichloroethene	0.501	0.515	-2.8	114	0.02
23 T	Vinyl Acetate	1.500	1.419	5.4	93	0.03
24 T	1,1-Dichloroethane	1.088	0.996	8.5	98	0.03
25 T	Ethyl Acetate	2.584	2.736	-5.9	113	0.03
26 T	Hexane	1.263	1.298	-2.8	114	0.03
27 T	Carbon Disulfide	1.126	1.173	-4.2	102	0.02
28 T	Methyl tert-Butyl Ether	1.213	1.088	10.3	91	0.02
29 T	Chloroform	1.790	1.780	0.6	108	0.03
30 T	Cyclohexane	1.053	1.105	-4.9	112	0.03
31 T	cis-1,2-Dichloroethene	1.143	1.202	-5.2	108	0.03
32 T	1,1,1-Trichloroethane	1.759	1.714	2.6	105	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.03
34 T	2-Butanone	0.408	0.428	-4.9	110	0.03
35 T	Carbon Tetrachloride	0.591	0.594	-0.5	104	0.03
36 T	Benzene	0.841	0.899	-6.9	112	0.03
37 T	1,2-Dichloroethane	0.416	0.430	-3.4	108	0.03
38 T	Trichloroethene	0.345	0.360	-4.3	116	0.03
39 T	1,2-Dichloropropane	0.323	0.347	-7.4	113	0.03
40 T	1,4-Dioxane	0.079	0.062	21.5	77	0.04
41 T	Tetrahydrofuran	0.197	0.223	-13.2	114	0.03
42 T	Bromodichloromethane	0.609	0.637	-4.6	105	0.03
43	Methyl Methacrylate	0.293	0.328	-11.9	112	0.03
44 T	2,2,4-Trimethylpentane	1.415	1.488	-5.2	113	0.03
45 T	t-1,3-Dichloropropene	0.221	0.295	-33.5#	115	0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.308	0.386	-25.3	117	0.03
47 T	1,1,2-Trichloroethane	0.349	0.359	-2.9	110	0.03
48 T	Dibromochloromethane	0.502	0.575	-14.5	109	0.04
49 T	Bromoform	0.396	0.469	-18.4	110	0.03
50 T	4-Methyl-2-Pentanone	0.533	0.617	-15.8	118	0.03
51 T	2-Hexanone	0.245	0.293	-19.6	119	0.03
52 T	Tetrachloroethene	0.344	0.337	2.0	112	0.04
53 T	Toluene	0.960	1.048	-9.2	111	0.04
54 T	1,2-Dibromoethane	0.487	0.529	-8.6	112	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.04
56	1,1,1,2-Tetrachloroethane	0.417	0.424	-1.7	112	0.03
57 T	Chlorobenzene	0.830	0.836	-0.7	114	0.03
58 T	Ethyl Benzene	1.388	1.449	-4.4	114	0.03
59 T	m/p-Xylene	1.203	1.205	-0.2	110	0.04
60 T	o-Xylene	1.123	1.130	-0.6	112	0.03
61 T	Styrene	0.583	0.655	-12.3	111	0.04
62	Isopropylbenzene	1.585	1.574	0.7	111	0.03
63 T	1,1,2,2-Tetrachloroethane	0.835	0.782	6.3	107	0.03
64	n-propylbenzene	0.403	0.424	-5.2	111	0.03
65	tert-Butylbenzene	1.443	1.380	4.4	108	0.03
66 T	Benzyl Chloride	0.065	0.087	-33.8#	121	0.03
67	sec-Butylbenzene	2.017	1.905	5.6	107	0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.735	-3.5	104	0.03
69	p-Isopropyltoluene	1.643	1.612	1.9	108	0.04
70	n-Butylbenzene	1.570	1.598	-1.8	108	0.03
71	2-Chlorotoluene	1.162	1.134	2.4	108	0.04
72 T	4-Ethyltoluene	1.336	1.399	-4.7	112	0.04
73 T	1,3,5-Trimethylbenzene	1.243	1.197	3.7	107	0.04
74 T	1,2,4-Trimethylbenzene	1.321	1.277	3.3	109	0.04
75 T	1,3-Dichlorobenzene	0.795	0.808	-1.6	115	0.04
76 T	1,4-Dichlorobenzene	0.801	0.786	1.9	108	0.04
77 T	1,2-Dichlorobenzene	0.783	0.761	2.8	109	0.03
78 T	Hexachloro-1,3-Butadiene	0.651	0.594	8.8	112	0.03
79 T	Naphthalene	0.884	1.027	-16.2	111	0.04
80 T	Naphthalene,2-methyl-	0.246	0.355	-44.3#	112	0.02
81 T	1,2,4-Trichlorobenzene	0.555	0.620	-11.7	114	0.04

(#) = Out of Range

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