

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037563.D
 Acq On : 8 Sep 2021 8:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 09 09:10:04 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	116	0.02
2 T	Dichlorodifluoromethane	1.605	1.623	-1.1	137	0.00
3	Chlorodifluoromethane	1.915	1.729	9.7	118	0.00
4	Chloromethane	0.684	0.668	2.3	117	0.01
5 T	Vinyl Chloride	0.701	0.659	6.0	122	0.01
6 T	Bromomethane	0.384	0.346	9.9	114	0.00
7	Chloroethane	0.239	0.230	3.8	120	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.508	8.9	118	0.01
9 T	Propene	0.685	0.643	6.1	121	0.01
10 T	Heptane	1.577	1.602	-1.6	124	0.03
11 T	Trichlorofluoromethane	1.506	1.359	9.8	118	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	1.004	9.1	121	0.02
13	Ethanol	0.067	0.064	4.5	101	0.00
14 T	Bromoethene	0.502	0.469	6.6	116	0.02
15 T	Acetone	1.018	0.820	19.4	119	0.02
16 T	1,3-Butadiene	0.653	0.639	2.1	121	0.01
17	tert-Butyl alcohol	0.930	0.878	5.6	109	0.02
18 T	1,1-Dichloroethene	0.502	0.457	9.0	117	0.02
19 T	Isopropyl Alcohol	0.583	0.512	12.2	102	0.01
20 T	Methylene Chloride	0.510	0.375	26.5	107	0.02
21 T	Allyl Chloride	0.827	0.738	10.8	109	0.02
22 T	trans-1,2-Dichloroethene	0.501	0.472	5.8	122	0.02
23 T	Vinyl Acetate	1.500	1.465	2.3	112	0.02
24 T	1,1-Dichloroethane	1.088	0.950	12.7	110	0.02
25 T	Ethyl Acetate	2.584	2.472	4.3	120	0.02
26 T	Hexane	1.263	1.167	7.6	120	0.02
27 T	Carbon Disulfide	1.126	1.110	1.4	113	0.02
28 T	Methyl tert-Butyl Ether	1.213	0.966	20.4	95	0.02
29 T	Chloroform	1.790	1.680	6.1	120	0.02
30 T	Cyclohexane	1.053	1.016	3.5	121	0.03
31 T	cis-1,2-Dichloroethene	1.143	1.090	4.6	115	0.02
32 T	1,1,1-Trichloroethane	1.759	1.586	9.8	113	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.03
34 T	2-Butanone	0.408	0.381	6.6	114	0.02
35 T	Carbon Tetrachloride	0.591	0.572	3.2	116	0.03
36 T	Benzene	0.841	0.835	0.7	120	0.02
37 T	1,2-Dichloroethane	0.416	0.404	2.9	117	0.02
38 T	Trichloroethene	0.345	0.333	3.5	124	0.03
39 T	1,2-Dichloropropane	0.323	0.322	0.3	121	0.03
40 T	1,4-Dioxane	0.079	0.074	6.3	107	0.02
41 T	Tetrahydrofuran	0.197	0.199	-1.0	118	0.02
42 T	Bromodichloromethane	0.609	0.602	1.1	115	0.03
43	Methyl Methacrylate	0.293	0.298	-1.7	117	0.02
44 T	2,2,4-Trimethylpentane	1.415	1.379	2.5	121	0.02
45 T	t-1,3-Dichloropropene	0.221	0.268	-21.3	121	0.03
46 T	cis-1,3-Dichloropropene	0.308	0.352	-14.3	124	0.03
47 T	1,1,2-Trichloroethane	0.349	0.348	0.3	124	0.03
48 T	Dibromochloromethane	0.502	0.537	-7.0	118	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.396	0.449	-13.4	122	0.03
50 T	4-Methyl-2-Pentanone	0.533	0.568	-6.6	125	0.03
51 T	2-Hexanone	0.245	0.283	-15.5	133	0.02
52 T	Tetrachloroethene	0.344	0.309	10.2	118	0.03
53 T	Toluene	0.960	0.975	-1.6	120	0.03
54 T	1,2-Dibromoethane	0.487	0.484	0.6	118	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.03
56	1,1,1,2-Tetrachloroethane	0.417	0.402	3.6	123	0.03
57 T	Chlorobenzene	0.830	0.770	7.2	122	0.03
58 T	Ethyl Benzene	1.388	1.321	4.8	120	0.03
59 T	m/p-Xylene	1.203	1.126	6.4	119	0.03
60 T	o-Xylene	1.123	1.044	7.0	120	0.02
61 T	Styrene	0.583	0.616	-5.7	122	0.03
62	Isopropylbenzene	1.585	1.468	7.4	120	0.03
63 T	1,1,2,2-Tetrachloroethane	0.835	0.786	5.9	124	0.03
64	n-propylbenzene	0.403	0.406	-0.7	123	0.02
65	tert-Butylbenzene	1.443	1.320	8.5	120	0.02
66 T	Benzyl Chloride	0.065	0.091	-40.0#	145	0.02
67	sec-Butylbenzene	2.017	1.825	9.5	119	0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.759	-6.9	124	0.03
69	p-Isopropyltoluene	1.643	1.537	6.5	119	0.03
70	n-Butylbenzene	1.570	1.518	3.3	119	0.03
71	2-Chlorotoluene	1.162	1.104	5.0	122	0.02
72 T	4-Ethyltoluene	1.336	1.296	3.0	121	0.03
73 T	1,3,5-Trimethylbenzene	1.243	1.157	6.9	120	0.03
74 T	1,2,4-Trimethylbenzene	1.321	1.201	9.1	119	0.03
75 T	1,3-Dichlorobenzene	0.795	0.753	5.3	124	0.03
76 T	1,4-Dichlorobenzene	0.801	0.729	9.0	116	0.03
77 T	1,2-Dichlorobenzene	0.783	0.737	5.9	122	0.03
78 T	Hexachloro-1,3-Butadiene	0.651	0.548	15.8	120	0.03
79 T	Naphthalene	0.884	0.955	-8.0	120	0.03
80 T	Naphthalene,2-methyl-	0.246	0.290	-17.9	106	0.02
81 T	1,2,4-Trichlorobenzene	0.555	0.565	-1.8	121	0.04

(#) = Out of Range

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