

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL122121\
 Data File : VL038229.D
 Acq On : 22 Dec 2021 9:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 22 10:23:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
 QLast Update : Tue Dec 21 17:47:08 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	95	0.03
2 T	Dichlorodifluoromethane	1.884	1.540	18.3	95	0.02
3	Chlorodifluoromethane	2.101	1.864	11.3	99	0.02
4	Chloromethane	0.729	0.622	14.7	93	0.02
5 T	Vinyl Chloride	0.732	0.639	12.7	95	0.02
6 T	Bromomethane	0.373	0.374	-0.3	98	0.02
7	Chloroethane	0.247	0.235	4.9	99	0.02
8 T	Dichlorotetrafluoroethane	1.788	1.588	11.2	98	0.02
9 T	Propene	0.730	0.615	15.8	93	0.02
10 T	Heptane	1.851	1.553	16.1	93	0.03
11 T	Trichlorofluoromethane	1.731	1.603	7.4	101	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.307	1.183	9.5	99	0.03
13	Ethanol	0.124	0.086	30.6#	97	0.00
14 T	Bromoethene	0.521	0.480	7.9	97	0.02
15 T	Acetone	1.004	0.828	17.5	103	0.02
16 T	1,3-Butadiene	0.684	0.618	9.6	96	0.02
17	tert-Butyl alcohol	1.102	0.959	13.0	88	0.03
18 T	1,1-Dichloroethene	0.572	0.502	12.2	96	0.03
19 T	Isopropyl Alcohol	0.626	0.549	12.3	95	0.02
20 T	Methylene Chloride	0.567	0.455	19.8	106	0.02
21 T	Allyl Chloride	0.849	0.779	8.2	97	0.02
22 T	trans-1,2-Dichloroethene	0.584	0.549	6.0	95	0.02
23 T	Vinyl Acetate	1.359	1.268	6.7	95	0.03
24 T	1,1-Dichloroethane	1.215	1.074	11.6	95	0.03
25 T	Ethyl Acetate	2.719	2.455	9.7	97	0.03
26 T	Hexane	1.364	1.157	15.2	97	0.03
27 T	Carbon Disulfide	1.201	1.224	-1.9	97	0.02
28 T	Methyl tert-Butyl Ether	1.371	1.153	15.9	90	0.03
29 T	Chloroform	2.024	1.862	8.0	103	0.03
30 T	Cyclohexane	1.208	0.981	18.8	87	0.03
31 T	cis-1,2-Dichloroethene	1.070	1.118	-4.5	111	0.03
32 T	1,1,1-Trichloroethane	2.009	1.846	8.1	98	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.03
34 T	2-Butanone	0.301	0.307	-2.0	95	0.03
35 T	Carbon Tetrachloride	0.617	0.674	-9.2	100	0.03
36 T	Benzene	0.933	0.864	7.4	91	0.03
37 T	1,2-Dichloroethane	0.468	0.506	-8.1	102	0.03
38 T	Trichloroethene	0.355	0.318	10.4	91	0.03
39 T	1,2-Dichloropropane	0.359	0.335	6.7	92	0.03
40 T	1,4-Dioxane	0.104	0.083	20.2	93	0.03
41 T	Tetrahydrofuran	0.220	0.216	1.8	91	0.03
42 T	Bromodichloromethane	0.666	0.713	-7.1	97	0.03
43	Methyl Methacrylate	0.321	0.320	0.3	91	0.03
44 T	2,2,4-Trimethylpentane	1.585	1.438	9.3	93	0.03
45 T	t-1,3-Dichloropropene	0.238	0.279	-17.2	91	0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.329	0.355	-7.9	91	0.03
47 T	1,1,2-Trichloroethane	0.373	0.335	10.2	87	0.03
48 T	Dibromochloromethane	0.524	0.541	-3.2	89	0.03
49 T	Bromoform	0.372	0.360	3.2	79	0.04
50 T	4-Methyl-2-Pentanone	0.546	0.586	-7.3	96	0.03
51 T	2-Hexanone	0.262	0.280	-6.9	99	0.03
52 T	Tetrachloroethene	0.344	0.280	18.6	86	0.04
53 T	Toluene	1.076	0.964	10.4	88	0.03
54 T	1,2-Dibromoethane	0.529	0.484	8.5	86	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.04
56	1,1,1,2-Tetrachloroethane	0.416	0.360	13.5	86	0.03
57 T	Chlorobenzene	0.867	0.688	20.6	85	0.04
58 T	Ethyl Benzene	1.552	1.285	17.2	87	0.04
59 T	m/p-Xylene	1.327	1.075	19.0	86	0.04
60 T	o-Xylene	1.230	0.969	21.2	85	0.04
61 T	Styrene	0.623	0.510	18.1	78	0.03
62	Isopropylbenzene	1.727	1.321	23.5	81	0.03
63 T	1,1,2,2-Tetrachloroethane	0.946	0.683	27.8	84	0.03
64	n-propylbenzene	0.429	0.333	22.4	80	0.03
65	tert-Butylbenzene	1.520	1.163	23.5	84	0.04
66 T	Benzyl Chloride	0.057	0.054	5.3	84	0.04
67	sec-Butylbenzene	2.089	1.650	21.0	85	0.04
68 S	1-Bromo-4-Fluorobenzene	0.771	0.750	2.7	89	0.03
69	p-Isopropyltoluene	1.680	1.369	18.5	87	0.04
70	n-Butylbenzene	1.597	1.447	9.4	95	0.04
71	2-Chlorotoluene	1.285	0.999	22.3	84	0.04
72 T	4-Ethyltoluene	1.416	1.107	21.8	80	0.04
73 T	1,3,5-Trimethylbenzene	1.268	1.044	17.7	84	0.03
74 T	1,2,4-Trimethylbenzene	1.331	1.083	18.6	87	0.03
75 T	1,3-Dichlorobenzene	0.719	0.624	13.2	89	0.03
76 T	1,4-Dichlorobenzene	0.714	0.597	16.4	87	0.03
77 T	1,2-Dichlorobenzene	0.689	0.615	10.7	93	0.03
78 T	Hexachloro-1,3-Butadiene	0.425	0.475	-11.8	132	0.03
79 T	Naphthalene	0.688	0.957	-39.1#	128	0.05
80 T	Naphthalene,2-methyl-	0.136	0.136	0.0	90	0.03
81 T	1,2,4-Trichlorobenzene	0.393	0.498	-26.7	131	0.04

(#) = Out of Range

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