

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038231.D
 Acq On : 29 Dec 2021 13:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 29 18:40:37 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	1.884	1.605	14.8	101	0.00
3	Chlorodifluoromethane	2.101	1.823	13.2	98	0.00
4	Chloromethane	0.729	0.630	13.6	95	0.00
5 T	Vinyl Chloride	0.732	0.640	12.6	97	0.00
6 T	Bromomethane	0.373	0.359	3.8	96	0.00
7	Chloroethane	0.247	0.222	10.1	95	0.00
8 T	Dichlorotetrafluoroethane	1.788	1.519	15.0	95	0.00
9 T	Propene	0.730	0.620	15.1	95	0.00
10 T	Heptane	1.851	1.555	16.0	94	0.00
11 T	Trichlorofluoromethane	1.731	1.534	11.4	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.307	1.122	14.2	95	0.00
13	Ethanol	0.124	0.093	25.0	106	0.00
14 T	Bromoethene	0.521	0.475	8.8	97	0.00
15 T	Acetone	1.004	0.798	20.5	100	0.00
16 T	1,3-Butadiene	0.684	0.615	10.1	97	0.00
17	tert-Butyl alcohol	1.102	0.964	12.5	90	0.00
18 T	1,1-Dichloroethene	0.572	0.501	12.4	97	0.00
19 T	Isopropyl Alcohol	0.626	0.551	12.0	96	0.00
20 T	Methylene Chloride	0.567	0.422	25.6	99	0.00
21 T	Allyl Chloride	0.849	0.766	9.8	96	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.529	9.4	92	0.00
23 T	Vinyl Acetate	1.359	1.260	7.3	95	0.00
24 T	1,1-Dichloroethane	1.215	1.038	14.6	93	0.01
25 T	Ethyl Acetate	2.719	2.434	10.5	98	0.00
26 T	Hexane	1.364	1.119	18.0	95	0.00
27 T	Carbon Disulfide	1.201	1.324	-10.2	106	0.00
28 T	Methyl tert-Butyl Ether	1.371	1.085	20.9	86	0.00
29 T	Chloroform	2.024	1.824	9.9	102	0.00
30 T	Cyclohexane	1.208	0.953	21.1	86	0.01
31 T	cis-1,2-Dichloroethene	1.070	1.143	-6.8	115	0.00
32 T	1,1,1-Trichloroethane	2.009	1.837	8.6	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.301	0.299	0.7	91	0.00
35 T	Carbon Tetrachloride	0.617	0.702	-13.8	102	0.00
36 T	Benzene	0.933	0.868	7.0	90	0.01
37 T	1,2-Dichloroethane	0.468	0.502	-7.3	100	0.00
38 T	Trichloroethene	0.355	0.314	11.5	89	0.00
39 T	1,2-Dichloropropane	0.359	0.341	5.0	92	0.00
40 T	1,4-Dioxane	0.104	0.085	18.3	94	0.00
41 T	Tetrahydrofuran	0.220	0.221	-0.5	92	0.01
42 T	Bromodichloromethane	0.666	0.748	-12.3	100	0.00
43	Methyl Methacrylate	0.321	0.327	-1.9	93	0.00
44 T	2,2,4-Trimethylpentane	1.585	1.453	8.3	93	0.00
45 T	t-1,3-Dichloropropene	0.238	0.304	-27.7	98	0.01
46 T	cis-1,3-Dichloropropene	0.329	0.381	-15.8	96	0.00
47 T	1,1,2-Trichloroethane	0.373	0.338	9.4	87	0.01
48 T	Dibromochloromethane	0.524	0.588	-12.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.372	0.425	-14.2	93	0.00
50 T	4-Methyl-2-Pentanone	0.546	0.600	-9.9	97	0.00
51 T	2-Hexanone	0.262	0.281	-7.3	98	0.00
52 T	Tetrachloroethene	0.344	0.271	21.2	82	0.00
53 T	Toluene	1.076	0.961	10.7	87	0.01
54 T	1,2-Dibromoethane	0.529	0.491	7.2	86	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.02
56	1,1,1,2-Tetrachloroethane	0.416	0.427	-2.6	90	0.01
57 T	Chlorobenzene	0.867	0.759	12.5	83	0.01
58 T	Ethyl Benzene	1.552	1.477	4.8	88	0.01
59 T	m/p-Xylene	1.327	1.249	5.9	88	0.02
60 T	o-Xylene	1.230	1.121	8.9	86	0.02
61 T	Styrene	0.623	0.566	9.1	77	0.01
62	Isopropylbenzene	1.727	1.476	14.5	80	0.00
63 T	1,1,2,2-Tetrachloroethane	0.946	0.785	17.0	85	0.01
64	n-propylbenzene	0.429	0.376	12.4	79	0.01
65	tert-Butylbenzene	1.520	1.281	15.7	82	0.00
66 T	Benzyl Chloride	0.057	0.085	-49.1#	116	0.02
67	sec-Butylbenzene	2.089	1.789	14.4	81	0.01
68 S	1-Bromo-4-Fluorobenzene	0.771	0.883	-14.5	93	0.01
69	p-Isopropyltoluene	1.680	1.423	15.3	80	0.01
70	n-Butylbenzene	1.597	1.455	8.9	84	0.01
71	2-Chlorotoluene	1.285	1.123	12.6	83	0.01
72 T	4-Ethyltoluene	1.416	1.240	12.4	79	0.02
73 T	1,3,5-Trimethylbenzene	1.268	1.116	12.0	79	0.00
74 T	1,2,4-Trimethylbenzene	1.331	1.158	13.0	82	0.01
75 T	1,3-Dichlorobenzene	0.719	0.628	12.7	79	0.01
76 T	1,4-Dichlorobenzene	0.714	0.599	16.1	77	0.01
77 T	1,2-Dichlorobenzene	0.689	0.593	13.9	79	0.01
78 T	Hexachloro-1,3-Butadiene	0.425	0.356	16.2	87	0.00
79 T	Naphthalene	0.688	0.690	-0.3	81	0.02
80 T	Naphthalene,2-methyl-	0.136	0.118	13.2	69	0.00
81 T	1,2,4-Trichlorobenzene	0.393	0.372	5.3	86	0.00

(#) = Out of Range

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