

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038077.D
 Acq On : 19 Nov 2021 7:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 06:31:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 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	78	-0.01
2 T	Dichlorodifluoromethane	1.652	1.637	0.9	102	0.00
3	Chlorodifluoromethane	2.100	2.025	3.6	85	0.00
4	Chloromethane	0.715	0.678	5.2	83	0.00
5 T	Vinyl Chloride	0.701	0.699	0.3	84	0.00
6 T	Bromomethane	0.376	0.382	-1.6	85	0.00
7	Chloroethane	0.249	0.228	8.4	81	0.00
8 T	Dichlorotetrafluoroethane	1.643	1.597	2.8	84	0.00
9 T	Propene	0.773	0.731	5.4	83	0.00
10 T	Heptane	1.911	1.828	4.3	85	0.00
11 T	Trichlorofluoromethane	1.571	1.519	3.3	84	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.089	2.0	83	0.00
13	Ethanol	0.075	0.064	14.7	90	0.00
14 T	Bromoethene	0.498	0.491	1.4	87	0.00
15 T	Acetone	0.867	0.808	6.8	88	0.00
16 T	1,3-Butadiene	0.676	0.668	1.2	85	0.00
17	tert-Butyl alcohol	1.052	0.967	8.1	80	0.00
18 T	1,1-Dichloroethene	0.510	0.493	3.3	83	0.00
19 T	Isopropyl Alcohol	0.626	0.585	6.5	91	0.00
20 T	Methylene Chloride	0.486	0.405	16.7	80	0.00
21 T	Allyl Chloride	0.803	0.765	4.7	80	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.514	0.4	83	0.00
23 T	Vinyl Acetate	1.255	1.240	1.2	79	0.00
24 T	1,1-Dichloroethane	1.045	1.065	-1.9	85	0.00
25 T	Ethyl Acetate	2.882	2.778	3.6	87	0.00
26 T	Hexane	1.389	1.292	7.0	86	0.00
27 T	Carbon Disulfide	1.244	1.241	0.2	79	0.00
28 T	Methyl tert-Butyl Ether	1.180	1.174	0.5	82	0.00
29 T	Chloroform	2.047	1.969	3.8	85	0.00
30 T	Cyclohexane	1.261	1.180	6.4	84	0.00
31 T	cis-1,2-Dichloroethene	1.321	1.304	1.3	84	0.00
32 T	1,1,1-Trichloroethane	2.077	1.986	4.4	82	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
34 T	2-Butanone	0.403	0.387	4.0	84	0.00
35 T	Carbon Tetrachloride	0.703	0.684	2.7	84	0.00
36 T	Benzene	0.998	0.957	4.1	85	0.00
37 T	1,2-Dichloroethane	0.482	0.488	-1.2	85	0.00
38 T	Trichloroethene	0.376	0.348	7.4	84	-0.01
39 T	1,2-Dichloropropane	0.383	0.372	2.9	84	0.00
40 T	1,4-Dioxane	0.100	0.089	11.0	81	-0.01
41 T	Tetrahydrofuran	0.250	0.244	2.4	87	0.00
42 T	Bromodichloromethane	0.732	0.730	0.3	85	0.00
43	Methyl Methacrylate	0.341	0.356	-4.4	86	0.00
44 T	2,2,4-Trimethylpentane	1.669	1.553	7.0	85	-0.01
45 T	t-1,3-Dichloropropene	0.274	0.320	-16.8	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.403	-8.9	87	-0.01
47 T	1,1,2-Trichloroethane	0.401	0.387	3.5	84	0.00
48 T	Dibromochloromethane	0.610	0.622	-2.0	83	-0.01
49 T	Bromoform	0.437	0.459	-5.0	85	0.00
50 T	4-Methyl-2-Pentanone	0.612	0.618	-1.0	85	-0.01
51 T	2-Hexanone	0.288	0.297	-3.1	87	0.00
52 T	Tetrachloroethene	0.369	0.320	13.3	84	-0.01
53 T	Toluene	1.148	1.100	4.2	84	0.00
54 T	1,2-Dibromoethane	0.566	0.562	0.7	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.01
56	1,1,1,2-Tetrachloroethane	0.454	0.436	4.0	84	-0.01
57 T	Chlorobenzene	0.896	0.850	5.1	86	0.00
58 T	Ethyl Benzene	1.653	1.586	4.1	87	0.00
59 T	m/p-Xylene	1.391	1.296	6.8	86	0.00
60 T	o-Xylene	1.291	1.195	7.4	86	-0.01
61 T	Styrene	0.692	0.696	-0.6	86	-0.01
62	Isopropylbenzene	1.832	1.680	8.3	85	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.959	0.858	10.5	89	0.00
64	n-propylbenzene	0.467	0.445	4.7	86	-0.01
65	tert-Butylbenzene	1.614	1.450	10.2	88	0.00
66 T	Benzyl Chloride	0.082	0.080	2.4	74	0.00
67	sec-Butylbenzene	2.249	2.075	7.7	88	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.721	0.737	-2.2	80	-0.02
69	p-Isopropyltoluene	1.759	1.698	3.5	89	0.00
70	n-Butylbenzene	1.682	1.680	0.1	92	-0.01
71	2-Chlorotoluene	1.339	1.275	4.8	89	0.00
72 T	4-Ethyltoluene	1.496	1.453	2.9	87	-0.01
73 T	1,3,5-Trimethylbenzene	1.367	1.300	4.9	89	0.00
74 T	1,2,4-Trimethylbenzene	1.408	1.345	4.5	91	0.00
75 T	1,3-Dichlorobenzene	0.774	0.770	0.5	90	0.00
76 T	1,4-Dichlorobenzene	0.778	0.744	4.4	90	-0.01
77 T	1,2-Dichlorobenzene	0.749	0.732	2.3	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.468	0.394	15.8	91	-0.01
79 T	Naphthalene	0.742	0.767	-3.4	88	0.00
80 T	Naphthalene,2-methyl-	0.159	0.191	-20.1	86	0.00
81 T	1,2,4-Trichlorobenzene	0.426	0.418	1.9	88	0.00

(#) = Out of Range

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