

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121421\
 Data File : VL038163.D
 Acq On : 14 Dec 2021 12:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 15 05:08:31 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	116	-0.03
2 T	Dichlorodifluoromethane	1.652	1.396	15.5	128	-0.02
3	Chlorodifluoromethane	2.100	1.715	18.3	106	-0.02
4	Chloromethane	0.715	0.575	19.6	103	-0.02
5 T	Vinyl Chloride	0.701	0.593	15.4	105	-0.02
6 T	Bromomethane	0.376	0.325	13.6	107	-0.02
7	Chloroethane	0.249	0.204	18.1	106	-0.03
8 T	Dichlorotetrafluoroethane	1.643	1.396	15.0	109	-0.02
9 T	Propene	0.773	0.590	23.7	99	-0.02
10 T	Heptane	1.911	1.486	22.2	102	-0.03
11 T	Trichlorofluoromethane	1.571	1.418	9.7	116	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.111	0.997	10.3	112	-0.02
13	Ethanol	0.075	0.063	16.0	131	-0.03
14 T	Bromoethene	0.498	0.443	11.0	115	-0.02
15 T	Acetone	0.867	0.743	14.3	120	-0.03
16 T	1,3-Butadiene	0.676	0.562	16.9	105	-0.02
17	tert-Butyl alcohol	1.052	0.921	12.5	113	-0.02
18 T	1,1-Dichloroethene	0.510	0.452	11.4	112	-0.02
19 T	Isopropyl Alcohol	0.626	0.531	15.2	121	-0.03
20 T	Methylene Chloride	0.486	0.384	21.0	112	-0.02
21 T	Allyl Chloride	0.803	0.689	14.2	106	-0.02
22 T	trans-1,2-Dichloroethene	0.516	0.483	6.4	115	-0.03
23 T	Vinyl Acetate	1.255	1.122	10.6	106	-0.03
24 T	1,1-Dichloroethane	1.045	0.935	10.5	110	-0.03
25 T	Ethyl Acetate	2.882	2.302	20.1	106	-0.03
26 T	Hexane	1.389	1.058	23.8	104	-0.03
27 T	Carbon Disulfide	1.244	1.209	2.8	114	-0.03
28 T	Methyl tert-Butyl Ether	1.180	1.002	15.1	103	-0.03
29 T	Chloroform	2.047	1.709	16.5	108	-0.03
30 T	Cyclohexane	1.261	0.925	26.6	97	-0.04
31 T	cis-1,2-Dichloroethene	1.321	1.064	19.5	101	-0.03
32 T	1,1,1-Trichloroethane	2.077	1.690	18.6	103	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.03
34 T	2-Butanone	0.403	0.366	9.2	106	-0.03
35 T	Carbon Tetrachloride	0.703	0.660	6.1	107	-0.03
36 T	Benzene	0.998	0.839	15.9	99	-0.03
37 T	1,2-Dichloroethane	0.482	0.472	2.1	109	-0.03
38 T	Trichloroethene	0.376	0.301	19.9	96	-0.03
39 T	1,2-Dichloropropane	0.383	0.328	14.4	98	-0.03
40 T	1,4-Dioxane	0.100	0.083	17.0	101	-0.04
41 T	Tetrahydrofuran	0.250	0.219	12.4	104	-0.03
42 T	Bromodichloromethane	0.732	0.716	2.2	111	-0.03
43	Methyl Methacrylate	0.341	0.316	7.3	102	-0.04
44 T	2,2,4-Trimethylpentane	1.669	1.383	17.1	101	-0.03
45 T	t-1,3-Dichloropropene	0.274	0.302	-10.2	107	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.375	-1.4	108	-0.03
47 T	1,1,2-Trichloroethane	0.401	0.338	15.7	97	-0.04
48 T	Dibromochloromethane	0.610	0.601	1.5	107	-0.04
49 T	Bromoform	0.437	0.468	-7.1	115	-0.04
50 T	4-Methyl-2-Pentanone	0.612	0.601	1.8	110	-0.04
51 T	2-Hexanone	0.288	0.290	-0.7	112	-0.04
52 T	Tetrachloroethene	0.369	0.273	26.0	95	-0.04
53 T	Toluene	1.148	0.944	17.8	96	-0.03
54 T	1,2-Dibromoethane	0.566	0.496	12.4	99	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.04
56	1,1,1,2-Tetrachloroethane	0.454	0.426	6.2	106	-0.04
57 T	Chlorobenzene	0.896	0.756	15.6	99	-0.04
58 T	Ethyl Benzene	1.653	1.402	15.2	99	-0.04
59 T	m/p-Xylene	1.391	1.180	15.2	101	-0.04
60 T	o-Xylene	1.291	1.091	15.5	102	-0.04
61 T	Styrene	0.692	0.594	14.2	95	-0.04
62	Isopropylbenzene	1.832	1.503	18.0	99	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.959	0.821	14.4	110	-0.03
64	n-propylbenzene	0.467	0.382	18.2	95	-0.04
65	tert-Butylbenzene	1.614	1.291	20.0	101	-0.03
66 T	Benzyl Chloride	0.082	0.102	-24.4	122	-0.04
67	sec-Butylbenzene	2.249	1.817	19.2	100	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.721	0.803	-11.4	113	-0.04
69	p-Isopropyltoluene	1.759	1.494	15.1	102	-0.04
70	n-Butylbenzene	1.682	1.556	7.5	111	-0.04
71	2-Chlorotoluene	1.339	1.153	13.9	104	-0.04
72 T	4-Ethyltoluene	1.496	1.298	13.2	101	-0.04
73 T	1,3,5-Trimethylbenzene	1.367	1.146	16.2	102	-0.03
74 T	1,2,4-Trimethylbenzene	1.408	1.201	14.7	105	-0.03
75 T	1,3-Dichlorobenzene	0.774	0.682	11.9	104	-0.03
76 T	1,4-Dichlorobenzene	0.778	0.672	13.6	106	-0.04
77 T	1,2-Dichlorobenzene	0.749	0.653	12.8	106	-0.03
78 T	Hexachloro-1,3-Butadiene	0.468	0.383	18.2	114	-0.04
79 T	Naphthalene	0.742	0.731	1.5	108	-0.04
80 T	Naphthalene,2-methyl-	0.159	0.164	-3.1	96	-0.03
81 T	1,2,4-Trichlorobenzene	0.426	0.409	4.0	112	-0.04

(#) = Out of Range

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