

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL012422\
 Data File : VL038282.D
 Acq On : 25 Jan 2022 5:23
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 25 05:56:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 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	103	0.00
2 T	Dichlorodifluoromethane	2.129	1.858	12.7	87	0.00
3	Chlorodifluoromethane	1.991	1.702	14.5	92	0.00
4	Chloromethane	0.685	0.513	25.1	81	0.00
5 T	Vinyl Chloride	0.684	0.542	20.8	85	0.00
6 T	Bromomethane	0.370	0.194	47.6#	54	0.00
7	Chloroethane	0.231	0.186	19.5	83	0.00
8 T	Dichlorotetrafluoroethane	1.647	1.314	20.2	86	0.00
9 T	Propene	0.648	0.527	18.7	84	0.00
10 T	Heptane	1.667	1.331	20.2	83	0.00
11 T	Trichlorofluoromethane	1.658	1.373	17.2	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.254	0.968	22.8	82	0.00
13	Ethanol	0.070	0.065	7.1	94	0.00
14 T	Bromoethene	0.490	0.394	19.6	85	0.00
15 T	Acetone	0.882	0.743	15.8	99	0.00
16 T	1,3-Butadiene	0.633	0.572	9.6	95	0.00
17	tert-Butyl alcohol	0.968	0.660	31.8#	71	0.00
18 T	1,1-Dichloroethene	0.545	0.431	20.9	83	0.00
19 T	Isopropyl Alcohol	0.551	0.364	33.9#	73	0.00
20 T	Methylene Chloride	0.513	0.354	31.0#	81	0.00
21 T	Allyl Chloride	0.780	0.547	29.9	70	0.00
22 T	trans-1,2-Dichloroethene	0.563	0.457	18.8	85	0.00
23 T	Vinyl Acetate	1.282	1.065	16.9	86	0.00
24 T	1,1-Dichloroethane	1.142	0.939	17.8	87	0.00
25 T	Ethyl Acetate	2.468	2.002	18.9	89	0.00
26 T	Hexane	1.148	0.957	16.6	92	0.00
27 T	Carbon Disulfide	1.343	1.063	20.8	77	0.00
28 T	Methyl tert-Butyl Ether	1.191	0.934	21.6	81	0.00
29 T	Chloroform	1.874	1.561	16.7	90	0.00
30 T	Cyclohexane	1.000	0.804	19.6	83	0.00
31 T	cis-1,2-Dichloroethene	1.001	0.955	4.6	116	0.00
32 T	1,1,1-Trichloroethane	1.872	1.534	18.1	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.327	0.263	19.6	85	0.00
35 T	Carbon Tetrachloride	0.702	0.595	15.2	83	0.00
36 T	Benzene	0.885	0.761	14.0	85	0.00
37 T	1,2-Dichloroethane	0.507	0.441	13.0	84	0.00
38 T	Trichloroethene	0.329	0.263	20.1	82	0.00
39 T	1,2-Dichloropropane	0.359	0.302	15.9	83	0.00
40 T	1,4-Dioxane	0.086	0.068	20.9	86	0.00
41 T	Tetrahydrofuran	0.220	0.171	22.3	78	0.00
42 T	Bromodichloromethane	0.752	0.650	13.6	86	0.00
43	Methyl Methacrylate	0.313	0.286	8.6	85	0.00
44 T	2,2,4-Trimethylpentane	1.559	1.318	15.5	87	0.00
45 T	t-1,3-Dichloropropene	0.254	0.095	62.6#	31	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.154	54.6#	41	0.00
47 T	1,1,2-Trichloroethane	0.352	0.296	15.9	84	0.00
48 T	Dibromochloromethane	0.593	0.521	12.1	84	0.00
49 T	Bromoform	0.428	0.402	6.1	89	0.00
50 T	4-Methyl-2-Pentanone	0.583	0.560	3.9	92	0.00
51 T	2-Hexanone	0.257	0.274	-6.6	99	0.00
52 T	Tetrachloroethene	0.305	0.232	23.9	80	0.02
53 T	Toluene	0.979	0.845	13.7	84	0.00
54 T	1,2-Dibromoethane	0.501	0.411	18.0	80	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
56	1,1,1,2-Tetrachloroethane	0.438	0.366	16.4	89	0.00
57 T	Chlorobenzene	0.800	0.623	22.1	84	0.00
58 T	Ethyl Benzene	1.470	1.204	18.1	87	0.01
59 T	m/p-Xylene	1.254	0.989	21.1	85	0.00
60 T	o-Xylene	1.166	0.949	18.6	87	0.00
61 T	Styrene	0.544	0.449	17.5	79	0.00
62	Isopropylbenzene	1.555	1.288	17.2	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.863	0.698	19.1	95	0.00
64	n-propylbenzene	0.374	0.314	16.0	87	0.00
65	tert-Butylbenzene	1.280	1.091	14.8	94	0.00
66 T	Benzyl Chloride	0.058	0.017#	70.7#	24	0.00
67	sec-Butylbenzene	1.781	1.531	14.0	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.759	0.758	0.1	95	0.00
69	p-Isopropyltoluene	1.363	1.193	12.5	94	0.00
70	n-Butylbenzene	1.335	1.205	9.7	97	0.00
71	2-Chlorotoluene	1.151	0.973	15.5	90	0.00
72 T	4-Ethyltoluene	1.220	1.044	14.4	89	0.00
73 T	1,3,5-Trimethylbenzene	1.097	0.911	17.0	88	0.00
74 T	1,2,4-Trimethylbenzene	1.155	0.940	18.6	89	0.00
75 T	1,3-Dichlorobenzene	0.620	0.506	18.4	89	0.00
76 T	1,4-Dichlorobenzene	0.600	0.477	20.5	86	0.00
77 T	1,2-Dichlorobenzene	0.576	0.487	15.5	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.400	0.282	29.5	84	0.00
79 T	Naphthalene	0.540	0.422	21.9	66	0.00
80 T	Naphthalene,2-methyl-	0.059	0.048#	18.6	47	0.01
81 T	1,2,4-Trichlorobenzene	0.318	0.244	23.3	72	0.00

(#) = Out of Range

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