

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020122\
 Data File : VL038325.D
 Acq On : 1 Feb 2022 17:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 02 06:49:56 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	110	-0.04
2 T	Dichlorodifluoromethane	2.129	1.889	11.3	94	-0.03
3	Chlorodifluoromethane	1.991	1.708	14.2	98	-0.03
4	Chloromethane	0.685	0.564	17.7	95	-0.02
5 T	Vinyl Chloride	0.684	0.572	16.4	96	-0.02
6 T	Bromomethane	0.370	0.213	42.4#	63	-0.02
7	Chloroethane	0.231	0.199	13.9	95	-0.03
8 T	Dichlorotetrafluoroethane	1.647	1.342	18.5	94	-0.03
9 T	Propene	0.648	0.572	11.7	97	-0.02
10 T	Heptane	1.667	1.385	16.9	92	-0.04
11 T	Trichlorofluoromethane	1.658	1.320	20.4	88	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.006	19.8	91	-0.04
13	Ethanol	0.070	0.066	5.7	102	-0.04
14 T	Bromoethene	0.490	0.415	15.3	95	-0.03
15 T	Acetone	0.882	0.807	8.5	114	-0.03
16 T	1,3-Butadiene	0.633	0.585	7.6	104	-0.03
17	tert-Butyl alcohol	0.968	0.761	21.4	87	-0.03
18 T	1,1-Dichloroethene	0.545	0.456	16.3	93	-0.03
19 T	Isopropyl Alcohol	0.551	0.435	21.1	93	-0.03
20 T	Methylene Chloride	0.513	0.364	29.0	89	-0.03
21 T	Allyl Chloride	0.780	0.611	21.7	83	-0.03
22 T	trans-1,2-Dichloroethene	0.563	0.453	19.5	90	-0.03
23 T	Vinyl Acetate	1.282	1.105	13.8	95	-0.04
24 T	1,1-Dichloroethane	1.142	0.949	16.9	94	-0.04
25 T	Ethyl Acetate	2.468	2.058	16.6	97	-0.04
26 T	Hexane	1.148	1.026	10.6	104	-0.03
27 T	Carbon Disulfide	1.343	1.057	21.3	81	-0.03
28 T	Methyl tert-Butyl Ether	1.191	1.012	15.0	94	-0.03
29 T	Chloroform	1.874	1.565	16.5	96	-0.04
30 T	Cyclohexane	1.000	0.922	7.8	101	-0.04
31 T	cis-1,2-Dichloroethene	1.001	0.987	1.4	127	-0.03
32 T	1,1,1-Trichloroethane	1.872	1.572	16.0	94	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	-0.04
34 T	2-Butanone	0.327	0.247	24.5	95	-0.03
35 T	Carbon Tetrachloride	0.702	0.529	24.6	89	-0.04
36 T	Benzene	0.885	0.744	15.9	99	-0.04
37 T	1,2-Dichloroethane	0.507	0.383	24.5	87	-0.04
38 T	Trichloroethene	0.329	0.268	18.5	100	-0.05
39 T	1,2-Dichloropropane	0.359	0.289	19.5	95	-0.04
40 T	1,4-Dioxane	0.086	0.068	20.9	102	-0.04
41 T	Tetrahydrofuran	0.220	0.170	22.7	92	-0.04
42 T	Bromodichloromethane	0.752	0.580	22.9	91	-0.04
43	Methyl Methacrylate	0.313	0.276	11.8	97	-0.04
44 T	2,2,4-Trimethylpentane	1.559	1.240	20.5	98	-0.04
45 T	t-1,3-Dichloropropene	0.254	0.092	63.8#	36	-0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.161	52.5#	51	-0.04
47 T	1,1,2-Trichloroethane	0.352	0.299	15.1	101	-0.04
48 T	Dibromochloromethane	0.593	0.495	16.5	96	-0.05
49 T	Bromoform	0.428	0.381	11.0	101	-0.04
50 T	4-Methyl-2-Pentanone	0.583	0.508	12.9	100	-0.05
51 T	2-Hexanone	0.257	0.248	3.5	106	-0.05
52 T	Tetrachloroethene	0.305	0.244	20.0	100	-0.04
53 T	Toluene	0.979	0.841	14.1	100	-0.04
54 T	1,2-Dibromoethane	0.501	0.405	19.2	94	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	114	-0.04
56	1,1,1,2-Tetrachloroethane	0.438	0.354	19.2	101	-0.05
57 T	Chlorobenzene	0.800	0.646	19.3	101	-0.04
58 T	Ethyl Benzene	1.470	1.196	18.6	100	-0.04
59 T	m/p-Xylene	1.254	0.963	23.2	96	-0.04
60 T	o-Xylene	1.166	0.914	21.6	98	-0.05
61 T	Styrene	0.544	0.469	13.8	96	-0.04
62	Isopropylbenzene	1.555	1.305	16.1	106	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.863	0.657	23.9	104	-0.05
64	n-propylbenzene	0.374	0.331	11.5	107	-0.05
65	tert-Butylbenzene	1.280	1.101	14.0	110	-0.04
66 T	Benzyl Chloride	0.058	0.014#	75.9#	24	-0.05
67	sec-Butylbenzene	1.781	1.528	14.2	110	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.759	0.780	-2.8	114	-0.04
69	p-Isopropyltoluene	1.363	1.200	12.0	110	-0.05
70	n-Butylbenzene	1.335	1.159	13.2	108	-0.05
71	2-Chlorotoluene	1.151	0.947	17.7	102	-0.04
72 T	4-Ethyltoluene	1.220	1.033	15.3	102	-0.04
73 T	1,3,5-Trimethylbenzene	1.097	0.911	17.0	103	-0.05
74 T	1,2,4-Trimethylbenzene	1.155	0.921	20.3	101	-0.05
75 T	1,3-Dichlorobenzene	0.620	0.518	16.5	106	-0.05
76 T	1,4-Dichlorobenzene	0.600	0.493	17.8	103	-0.04
77 T	1,2-Dichlorobenzene	0.576	0.496	13.9	112	-0.05
78 T	Hexachloro-1,3-Butadiene	0.400	0.283	29.3	98	-0.04
79 T	Naphthalene	0.540	0.441	18.3	80	-0.05
80 T	Naphthalene,2-methyl-	0.059	0.057	3.4	65	-0.04
81 T	1,2,4-Trichlorobenzene	0.318	0.254	20.1	87	-0.06

(#) = Out of Range

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