

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039202.D
 Acq On : 7 Jun 2022 3:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 07 06:31:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 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	85	0.00
2 T	Dichlorodifluoromethane	1.756	1.922	-9.5	109	0.00
3	Chlorodifluoromethane	1.272	1.282	-0.8	96	0.00
4	Chloromethane	0.654	0.632	3.4	90	0.00
5 T	Vinyl Chloride	0.611	0.633	-3.6	92	0.00
6 T	Bromomethane	0.301	0.286	5.0	90	0.00
7	Chloroethane	0.213	0.214	-0.5	91	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.548	3.6	90	0.00
9 T	Propene	0.555	0.639	-15.1	112	0.00
10 T	Heptane	1.294	1.572	-21.5	109	-0.01
11 T	Trichlorofluoromethane	1.590	1.426	10.3	87	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.034	1.6	92	-0.01
13	Ethanol	0.030	0.041#	-36.7#	123	0.00
14 T	Bromoethene	0.473	0.477	-0.8	91	0.00
15 T	Acetone	1.042	1.095	-5.1	102	0.00
16 T	1,3-Butadiene	0.560	0.601	-7.3	97	0.00
17	tert-Butyl alcohol	0.808	1.005	-24.4	108	0.00
18 T	1,1-Dichloroethene	0.472	0.472	0.0	92	0.00
19 T	Isopropyl Alcohol	0.489	0.546	-11.7	95	0.00
20 T	Methylene Chloride	0.439	0.389	11.4	99	0.00
21 T	Allyl Chloride	0.703	0.702	0.1	91	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.466	-2.6	91	0.00
23 T	Vinyl Acetate	0.862	0.760	11.8	72	0.00
24 T	1,1-Dichloroethane	1.181	0.971	17.8	79	0.00
25 T	Ethyl Acetate	2.348	2.893	-23.2	114	-0.02
26 T	Hexane	1.032	1.167	-13.1	105	0.00
27 T	Carbon Disulfide	1.069	1.109	-3.7	88	0.00
28 T	Methyl tert-Butyl Ether	1.139	1.009	11.4	84	0.00
29 T	Chloroform	1.736	1.769	-1.9	95	-0.01
30 T	Cyclohexane	0.867	1.028	-18.6	111	0.00
31 T	cis-1,2-Dichloroethene	1.052	1.106	-5.1	96	0.00
32 T	1,1,1-Trichloroethane	1.699	1.768	-4.1	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.543	0.528	2.8	100	-0.01
35 T	Carbon Tetrachloride	0.730	0.613	16.0	88	-0.01
36 T	Benzene	0.812	0.849	-4.6	111	-0.01
37 T	1,2-Dichloroethane	0.534	0.413	22.7	81	-0.01
38 T	Trichloroethene	0.373	0.358	4.0	96	-0.02
39 T	1,2-Dichloropropane	0.323	0.329	-1.9	109	0.00
40 T	1,4-Dioxane	0.106	0.118	-11.3	116	-0.01
41 T	Tetrahydrofuran	0.327	0.345	-5.5	110	-0.01
42 T	Bromodichloromethane	0.742	0.670	9.7	94	0.00
43	Methyl Methacrylate	0.316	0.360	-13.9	113	-0.02
44 T	2,2,4-Trimethylpentane	1.420	1.387	2.3	106	-0.01
45 T	t-1,3-Dichloropropene	0.329	0.275	16.4	72	-0.02
46 T	cis-1,3-Dichloropropene	0.435	0.389	10.6	84	-0.01
47 T	1,1,2-Trichloroethane	0.337	0.360	-6.8	112	-0.01
48 T	Dibromochloromethane	0.602	0.585	2.8	97	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.495	1.2	98	-0.01
50 T	4-Methyl-2-Pentanone	0.813	0.845	-3.9	105	-0.01
51 T	2-Hexanone	0.633	0.653	-3.2	104	-0.01
52 T	Tetrachloroethene	0.317	0.325	-2.5	112	-0.02
53 T	Toluene	0.935	1.014	-8.4	114	-0.01
54 T	1,2-Dibromoethane	0.453	0.503	-11.0	113	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	-0.01
56	1,1,1,2-Tetrachloroethane	0.473	0.446	5.7	108	-0.01
57 T	Chlorobenzene	0.752	0.746	0.8	114	-0.01
58 T	Ethyl Benzene	1.377	1.368	0.7	113	-0.01
59 T	m/p-Xylene	1.213	1.114	8.2	105	-0.01
60 T	o-Xylene	1.140	1.066	6.5	107	-0.02
61 T	Styrene	0.610	0.659	-8.0	116	-0.01
62	Isopropylbenzene	1.694	1.669	1.5	115	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.640	0.721	-12.7	135	-0.01
64	n-propylbenzene	0.416	0.451	-8.4	121	0.00
65	tert-Butylbenzene	1.549	1.466	5.4	111	-0.02
66 T	Benzyl Chloride	0.201	0.110	45.3#	47	0.00
67	sec-Butylbenzene	2.114	2.091	1.1	114	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.723	12.6	93	-0.01
69	p-Isopropyltoluene	1.783	1.751	1.8	114	-0.01
70	n-Butylbenzene	1.830	1.798	1.7	110	-0.01
71	2-Chlorotoluene	1.292	1.261	2.4	113	0.00
72 T	4-Ethyltoluene	1.336	1.348	-0.9	114	-0.01
73 T	1,3,5-Trimethylbenzene	1.205	1.186	1.6	111	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.252	6.9	107	0.00
75 T	1,3-Dichlorobenzene	0.761	0.765	-0.5	113	0.00
76 T	1,4-Dichlorobenzene	0.759	0.734	3.3	112	-0.02
77 T	1,2-Dichlorobenzene	0.767	0.751	2.1	114	-0.01
78 T	Hexachloro-1,3-Butadiene	0.701	0.582	17.0	103	-0.01
79 T	Naphthalene	1.035	1.136	-9.8	105	-0.02
80 T	Naphthalene,2-methyl-	0.385	0.291	24.4	62	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.627	4.4	103	-0.01

(#) = Out of Range

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