

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL060622\
 Data File : VL039177.D
 Acq On : 6 Jun 2022 8:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 06 16:30:48 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	-0.01
2 T	Dichlorodifluoromethane	1.756	1.399	20.3	86	-0.01
3	Chlorodifluoromethane	1.272	1.260	0.9	102	-0.01
4	Chloromethane	0.654	0.695	-6.3	106	-0.01
5 T	Vinyl Chloride	0.611	0.645	-5.6	102	0.00
6 T	Bromomethane	0.301	0.311	-3.3	106	0.00
7	Chloroethane	0.213	0.222	-4.2	102	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.561	2.7	98	-0.01
9 T	Propene	0.555	0.594	-7.0	112	0.00
10 T	Heptane	1.294	1.441	-11.4	108	-0.01
11 T	Trichlorofluoromethane	1.590	1.492	6.2	98	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.086	-3.3	104	-0.01
13	Ethanol	0.030	0.033#	-10.0	108	-0.01
14 T	Bromoethene	0.473	0.494	-4.4	102	0.00
15 T	Acetone	1.042	1.066	-2.3	108	-0.01
16 T	1,3-Butadiene	0.560	0.591	-5.5	103	0.00
17	tert-Butyl alcohol	0.808	0.831	-2.8	96	0.00
18 T	1,1-Dichloroethene	0.472	0.488	-3.4	103	-0.01
19 T	Isopropyl Alcohol	0.489	0.483	1.2	91	0.00
20 T	Methylene Chloride	0.439	0.380	13.4	105	-0.01
21 T	Allyl Chloride	0.703	0.750	-6.7	105	-0.01
22 T	trans-1,2-Dichloroethene	0.454	0.498	-9.7	105	-0.01
23 T	Vinyl Acetate	0.862	0.780	9.5	80	-0.01
24 T	1,1-Dichloroethane	1.181	0.974	17.5	85	-0.01
25 T	Ethyl Acetate	2.348	2.497	-6.3	107	-0.01
26 T	Hexane	1.032	1.099	-6.5	106	-0.01
27 T	Carbon Disulfide	1.069	1.191	-11.4	102	-0.01
28 T	Methyl tert-Butyl Ether	1.139	0.887	22.1	80	-0.01
29 T	Chloroform	1.736	1.786	-2.9	103	-0.01
30 T	Cyclohexane	0.867	0.959	-10.6	112	-0.01
31 T	cis-1,2-Dichloroethene	1.052	1.116	-6.1	104	-0.01
32 T	1,1,1-Trichloroethane	1.699	1.785	-5.1	100	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.01
34 T	2-Butanone	0.543	0.552	-1.7	100	-0.01
35 T	Carbon Tetrachloride	0.730	0.699	4.2	96	-0.01
36 T	Benzene	0.812	0.888	-9.4	112	-0.01
37 T	1,2-Dichloroethane	0.534	0.516	3.4	98	-0.01
38 T	Trichloroethene	0.373	0.419	-12.3	108	-0.02
39 T	1,2-Dichloropropane	0.323	0.340	-5.3	109	-0.01
40 T	1,4-Dioxane	0.106	0.116	-9.4	110	-0.02
41 T	Tetrahydrofuran	0.327	0.360	-10.1	111	-0.01
42 T	Bromodichloromethane	0.742	0.752	-1.3	102	-0.01
43	Methyl Methacrylate	0.316	0.366	-15.8	110	-0.02
44 T	2,2,4-Trimethylpentane	1.420	1.457	-2.6	107	-0.02
45 T	t-1,3-Dichloropropene	0.329	0.398	-21.0	101	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.435	0.500	-14.9	103	-0.02
47 T	1,1,2-Trichloroethane	0.337	0.365	-8.3	109	-0.01
48 T	Dibromochloromethane	0.602	0.635	-5.5	101	-0.01
49 T	Bromoform	0.501	0.540	-7.8	102	-0.02
50 T	4-Methyl-2-Pentanone	0.813	0.891	-9.6	106	-0.02
51 T	2-Hexanone	0.633	0.703	-11.1	108	-0.02
52 T	Tetrachloroethene	0.317	0.326	-2.8	108	-0.02
53 T	Toluene	0.935	1.036	-10.8	112	-0.01
54 T	1,2-Dibromoethane	0.453	0.511	-12.8	110	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.02
56	1,1,1,2-Tetrachloroethane	0.473	0.483	-2.1	106	-0.02
57 T	Chlorobenzene	0.752	0.812	-8.0	111	-0.02
58 T	Ethyl Benzene	1.377	1.503	-9.2	111	-0.02
59 T	m/p-Xylene	1.213	1.257	-3.6	107	-0.01
60 T	o-Xylene	1.140	1.206	-5.8	109	-0.02
61 T	Styrene	0.610	0.720	-18.0	114	-0.02
62	Isopropylbenzene	1.694	1.751	-3.4	109	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.640	0.636	0.6	107	-0.02
64	n-propylbenzene	0.416	0.456	-9.6	110	0.00
65	tert-Butylbenzene	1.549	1.553	-0.3	106	-0.02
66 T	Benzyl Chloride	0.201	0.246	-22.4	95	-0.01
67	sec-Butylbenzene	2.114	2.190	-3.6	107	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.827	0.830	-0.4	96	-0.01
69	p-Isopropyltoluene	1.783	1.820	-2.1	107	-0.01
70	n-Butylbenzene	1.830	1.920	-4.9	106	-0.02
71	2-Chlorotoluene	1.292	1.344	-4.0	108	-0.01
72 T	4-Ethyltoluene	1.336	1.447	-8.3	110	-0.02
73 T	1,3,5-Trimethylbenzene	1.205	1.287	-6.8	108	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.372	-2.0	106	-0.01
75 T	1,3-Dichlorobenzene	0.761	0.810	-6.4	108	0.00
76 T	1,4-Dichlorobenzene	0.759	0.802	-5.7	110	-0.01
77 T	1,2-Dichlorobenzene	0.767	0.790	-3.0	107	-0.01
78 T	Hexachloro-1,3-Butadiene	0.701	0.647	7.7	103	-0.01
79 T	Naphthalene	1.035	1.288	-24.4	107	-0.02
80 T	Naphthalene,2-methyl-	0.385	0.519	-34.8#	100	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.724	-10.4	107	-0.01

(#) = Out of Range

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