

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039318.D
 Acq On : 16 Jun 2022 12:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 16 12:39:22 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	96	-0.02
2 T	Dichlorodifluoromethane	1.756	1.316	25.1	84	-0.02
3	Chlorodifluoromethane	1.272	1.126	11.5	95	-0.02
4	Chloromethane	0.654	0.573	12.4	92	-0.02
5 T	Vinyl Chloride	0.611	0.570	6.7	94	-0.01
6 T	Bromomethane	0.301	0.264	12.3	94	0.00
7	Chloroethane	0.213	0.214	-0.5	103	-0.02
8 T	Dichlorotetrafluoroethane	1.605	1.398	12.9	92	-0.02
9 T	Propene	0.555	0.499	10.1	98	-0.01
10 T	Heptane	1.294	1.309	-1.2	103	-0.02
11 T	Trichlorofluoromethane	1.590	1.327	16.5	91	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.051	0.986	6.2	99	-0.02
13	Ethanol	0.030	0.032#	-6.7	109	-0.02
14 T	Bromoethene	0.473	0.414	12.5	90	0.00
15 T	Acetone	1.042	1.161	-11.4	123	-0.02
16 T	1,3-Butadiene	0.560	0.563	-0.5	103	-0.01
17	tert-Butyl alcohol	0.808	0.993	-22.9	120	-0.02
18 T	1,1-Dichloroethene	0.472	0.454	3.8	101	-0.02
19 T	Isopropyl Alcohol	0.489	0.515	-5.3	102	0.00
20 T	Methylene Chloride	0.439	0.368	16.2	106	-0.02
21 T	Allyl Chloride	0.703	0.702	0.1	103	-0.02
22 T	trans-1,2-Dichloroethene	0.454	0.458	-0.9	101	-0.02
23 T	Vinyl Acetate	0.862	0.739	14.3	80	-0.02
24 T	1,1-Dichloroethane	1.181	0.941	20.3	86	-0.02
25 T	Ethyl Acetate	2.348	2.477	-5.5	111	-0.02
26 T	Hexane	1.032	0.974	5.6	99	-0.02
27 T	Carbon Disulfide	1.069	1.029	3.7	92	-0.02
28 T	Methyl tert-Butyl Ether	1.139	0.920	19.2	87	-0.02
29 T	Chloroform	1.736	1.452	16.4	88	-0.02
30 T	Cyclohexane	0.867	0.841	3.0	103	-0.02
31 T	cis-1,2-Dichloroethene	1.052	0.948	9.9	93	-0.02
32 T	1,1,1-Trichloroethane	1.699	1.438	15.4	85	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	-0.02
34 T	2-Butanone	0.543	0.488	10.1	98	-0.02
35 T	Carbon Tetrachloride	0.730	0.535	26.7	82	-0.02
36 T	Benzene	0.812	0.728	10.3	102	-0.02
37 T	1,2-Dichloroethane	0.534	0.386	27.7	81	-0.02
38 T	Trichloroethene	0.373	0.313	16.1	90	-0.02
39 T	1,2-Dichloropropane	0.323	0.275	14.9	98	-0.02
40 T	1,4-Dioxane	0.106	0.101	4.7	107	-0.02
41 T	Tetrahydrofuran	0.327	0.291	11.0	100	-0.02
42 T	Bromodichloromethane	0.742	0.562	24.3	85	-0.02
43	Methyl Methacrylate	0.316	0.308	2.5	103	-0.02
44 T	2,2,4-Trimethylpentane	1.420	1.223	13.9	100	-0.02
45 T	t-1,3-Dichloropropene	0.329	0.232	29.5	65	-0.02
46 T	cis-1,3-Dichloropropene	0.435	0.329	24.4	76	-0.02
47 T	1,1,2-Trichloroethane	0.337	0.301	10.7	100	-0.02
48 T	Dibromochloromethane	0.602	0.494	17.9	87	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.425	15.2	90	-0.02
50 T	4-Methyl-2-Pentanone	0.813	0.748	8.0	99	-0.02
51 T	2-Hexanone	0.633	0.582	8.1	100	-0.02
52 T	Tetrachloroethene	0.317	0.287	9.5	106	-0.02
53 T	Toluene	0.935	0.875	6.4	105	-0.02
54 T	1,2-Dibromoethane	0.453	0.423	6.6	101	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.02
56	1,1,1,2-Tetrachloroethane	0.473	0.414	12.5	101	-0.02
57 T	Chlorobenzene	0.752	0.695	7.6	107	-0.02
58 T	Ethyl Benzene	1.377	1.256	8.8	104	-0.02
59 T	m/p-Xylene	1.213	1.063	12.4	102	-0.02
60 T	o-Xylene	1.140	1.014	11.1	103	-0.02
61 T	Styrene	0.610	0.598	2.0	106	-0.02
62	Isopropylbenzene	1.694	1.575	7.0	110	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.640	0.647	-1.1	122	-0.02
64	n-propylbenzene	0.416	0.419	-0.7	113	-0.02
65	tert-Butylbenzene	1.549	1.437	7.2	110	-0.02
66 T	Benzyl Chloride	0.201	0.092	54.2#	40	-0.02
67	sec-Butylbenzene	2.114	1.989	5.9	109	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.827	0.775	6.3	101	-0.02
69	p-Isopropyltoluene	1.783	1.726	3.2	113	-0.02
70	n-Butylbenzene	1.830	1.712	6.4	106	-0.02
71	2-Chlorotoluene	1.292	1.177	8.9	106	-0.02
72 T	4-Ethyltoluene	1.336	1.270	4.9	108	-0.02
73 T	1,3,5-Trimethylbenzene	1.205	1.137	5.6	107	-0.02
74 T	1,2,4-Trimethylbenzene	1.345	1.233	8.3	106	-0.02
75 T	1,3-Dichlorobenzene	0.761	0.740	2.8	110	-0.02
76 T	1,4-Dichlorobenzene	0.759	0.720	5.1	111	-0.02
77 T	1,2-Dichlorobenzene	0.767	0.723	5.7	110	-0.02
78 T	Hexachloro-1,3-Butadiene	0.701	0.565	19.4	101	-0.02
79 T	Naphthalene	1.035	1.080	-4.3	101	-0.03
80 T	Naphthalene,2-methyl-	0.385	0.288	25.2	62	-0.02
81 T	1,2,4-Trichlorobenzene	0.656	0.602	8.2	100	-0.02

(#) = Out of Range

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