

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039417.D
 Acq On : 30 Jun 2022 9:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 01 08:02:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
 QLast Update : Thu Jun 30 05:40:11 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	0.00
2 T	Dichlorodifluoromethane	1.442	1.393	3.4	110	0.00
3	Chlorodifluoromethane	1.269	1.195	5.8	103	0.00
4	Chloromethane	0.694	0.676	2.6	104	0.00
5 T	Vinyl Chloride	0.684	0.631	7.7	106	0.00
6 T	Bromomethane	0.288	0.278	3.5	101	0.00
7	Chloroethane	0.243	0.234	3.7	102	0.00
8 T	Dichlorotetrafluoroethane	1.576	1.532	2.8	104	0.00
9 T	Propene	0.573	0.562	1.9	109	0.00
10 T	Heptane	1.342	1.430	-6.6	106	0.00
11 T	Trichlorofluoromethane	1.607	1.478	8.0	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.111	7.3	98	0.00
13	Ethanol	0.033	0.031#	6.1	102	0.00
14 T	Bromoethene	0.504	0.466	7.5	97	0.00
15 T	Acetone	1.183	1.110	6.2	100	0.00
16 T	1,3-Butadiene	0.614	0.624	-1.6	105	0.00
17	tert-Butyl alcohol	1.004	1.015	-1.1	96	0.00
18 T	1,1-Dichloroethene	0.543	0.507	6.6	98	0.00
19 T	Isopropyl Alcohol	0.631	0.613	2.9	98	0.00
20 T	Methylene Chloride	0.472	0.413	12.5	98	0.00
21 T	Allyl Chloride	0.819	0.807	1.5	103	0.00
22 T	trans-1,2-Dichloroethene	0.525	0.527	-0.4	100	0.00
23 T	Vinyl Acetate	0.791	0.852	-7.7	108	0.00
24 T	1,1-Dichloroethane	1.117	1.036	7.3	100	0.00
25 T	Ethyl Acetate	2.426	2.512	-3.5	106	0.00
26 T	Hexane	0.978	1.097	-12.2	108	0.00
27 T	Carbon Disulfide	1.180	1.206	-2.2	99	0.00
28 T	Methyl tert-Butyl Ether	1.046	0.964	7.8	103	0.00
29 T	Chloroform	1.700	1.586	6.7	98	0.00
30 T	Cyclohexane	0.890	0.922	-3.6	104	0.00
31 T	cis-1,2-Dichloroethene	1.038	1.057	-1.8	104	0.00
32 T	1,1,1-Trichloroethane	1.678	1.548	7.7	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.503	0.524	-4.2	102	0.00
35 T	Carbon Tetrachloride	0.618	0.589	4.7	94	0.00
36 T	Benzene	0.774	0.798	-3.1	105	0.00
37 T	1,2-Dichloroethane	0.457	0.433	5.3	97	0.00
38 T	Trichloroethene	0.419	0.411	1.9	101	0.00
39 T	1,2-Dichloropropane	0.289	0.300	-3.8	105	0.00
40 T	1,4-Dioxane	0.115	0.112	2.6	96	0.00
41 T	Tetrahydrofuran	0.292	0.322	-10.3	107	0.00
42 T	Bromodichloromethane	0.616	0.617	-0.2	98	0.00
43	Methyl Methacrylate	0.294	0.320	-8.8	103	0.00
44 T	2,2,4-Trimethylpentane	1.312	1.343	-2.4	105	0.00
45 T	t-1,3-Dichloropropene	0.262	0.315	-20.2	97	0.00
46 T	cis-1,3-Dichloropropene	0.361	0.412	-14.1	98	0.00
47 T	1,1,2-Trichloroethane	0.324	0.327	-0.9	101	0.00
48 T	Dibromochloromethane	0.516	0.548	-6.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.455	-9.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.761	0.840	-10.4	105	0.00
51 T	2-Hexanone	0.576	0.662	-14.9	104	0.00
52 T	Tetrachloroethene	0.312	0.304	2.6	101	0.00
53 T	Toluene	0.893	0.955	-6.9	103	0.00
54 T	1,2-Dibromoethane	0.404	0.422	-4.5	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.442	0.428	3.2	97	0.00
57 T	Chlorobenzene	0.775	0.756	2.5	100	0.00
58 T	Ethyl Benzene	1.291	1.329	-2.9	100	0.00
59 T	m/p-Xylene	1.138	1.137	0.1	99	0.00
60 T	o-Xylene	1.078	1.094	-1.5	100	0.00
61 T	Styrene	0.584	0.656	-12.3	99	0.00
62	Isopropylbenzene	1.642	1.599	2.6	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.565	0.530	6.2	103	0.00
64	n-propylbenzene	0.416	0.427	-2.6	100	0.00
65	tert-Butylbenzene	1.517	1.459	3.8	99	0.00
66 T	Benzyl Chloride	0.144	0.153	-6.3	82	0.00
67	sec-Butylbenzene	2.043	2.007	1.8	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.742	0.732	1.3	93	0.00
69	p-Isopropyltoluene	1.734	1.720	0.8	98	0.00
70	n-Butylbenzene	1.683	1.692	-0.5	98	0.00
71	2-Chlorotoluene	1.175	1.190	-1.3	100	0.00
72 T	4-Ethyltoluene	1.267	1.309	-3.3	100	0.00
73 T	1,3,5-Trimethylbenzene	1.164	1.193	-2.5	99	0.00
74 T	1,2,4-Trimethylbenzene	1.288	1.276	0.9	98	0.00
75 T	1,3-Dichlorobenzene	0.768	0.762	0.8	97	0.00
76 T	1,4-Dichlorobenzene	0.761	0.737	3.2	98	0.00
77 T	1,2-Dichlorobenzene	0.761	0.744	2.2	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.612	0.523	14.5	96	0.00
79 T	Naphthalene	0.886	1.041	-17.5	96	0.00
80 T	Naphthalene,2-methyl-	0.302	0.363	-20.2	96	0.00
81 T	1,2,4-Trichlorobenzene	0.577	0.600	-4.0	98	0.00

(#) = Out of Range

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