

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039716.D
 Acq On : 11 Oct 2022 12:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 12 04:40:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 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	84	-0.02
2 T	Dichlorodifluoromethane	1.159	0.568	51.0#	50	0.00
3	Chlorodifluoromethane	1.187	0.988	16.8	80	0.00
4	Chloromethane	0.716	0.633	11.6	84	0.00
5 T	Vinyl Chloride	0.597	0.530	11.2	80	0.00
6 T	Bromomethane	0.220	0.198	10.0	83	0.00
7	Chloroethane	0.218	0.189	13.3	76	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.014	27.1	67	0.00
9 T	Propene	0.542	0.452	16.6	77	0.00
10 T	Heptane	1.265	1.175	7.1	81	-0.02
11 T	Trichlorofluoromethane	1.436	1.260	12.3	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	0.968	10.7	86	-0.01
13	Ethanol	0.041	0.052	-26.8	129	0.00
14 T	Bromoethene	0.433	0.382	11.8	79	0.00
15 T	Acetone	1.113	1.019	8.4	89	0.00
16 T	1,3-Butadiene	0.564	0.512	9.2	80	0.00
17	tert-Butyl alcohol	0.999	0.801	19.8	67	0.00
18 T	1,1-Dichloroethene	0.477	0.425	10.9	81	-0.01
19 T	Isopropyl Alcohol	0.567	0.498	12.2	77	0.00
20 T	Methylene Chloride	0.514	1.068	-107.8#	243#	0.00
21 T	Allyl Chloride	0.758	0.655	13.6	80	-0.02
22 T	trans-1,2-Dichloroethene	0.472	0.439	7.0	82	-0.01
23 T	Vinyl Acetate	0.503	0.445	11.5	80	-0.01
24 T	1,1-Dichloroethane	1.002	0.900	10.2	82	-0.02
25 T	Ethyl Acetate	2.426	2.420	0.2	93	-0.01
26 T	Hexane	1.030	1.313	-27.5	122	-0.01
27 T	Carbon Disulfide	1.082	1.060	2.0	80	-0.01
28 T	Methyl tert-Butyl Ether	0.865	0.713	17.6	74	-0.02
29 T	Chloroform	1.486	1.305	12.2	82	-0.01
30 T	Cyclohexane	0.797	0.697	12.5	78	-0.02
31 T	cis-1,2-Dichloroethene	0.931	0.837	10.1	79	-0.02
32 T	1,1,1-Trichloroethane	1.346	1.244	7.6	79	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	-0.02
34 T	2-Butanone	0.491	0.415	15.5	81	-0.02
35 T	Carbon Tetrachloride	0.531	0.518	2.4	82	-0.02
36 T	Benzene	0.765	0.706	7.7	81	-0.02
37 T	1,2-Dichloroethane	0.416	0.383	7.9	81	-0.01
38 T	Trichloroethene	0.413	0.405	1.9	81	-0.02
39 T	1,2-Dichloropropane	0.295	0.264	10.5	79	-0.02
40 T	1,4-Dioxane	0.121	0.106	12.4	87	-0.02
41 T	Tetrahydrofuran	0.301	0.281	6.6	75	-0.02
42 T	Bromodichloromethane	0.579	0.546	5.7	81	-0.02
43	Methyl Methacrylate	0.279	0.274	1.8	79	-0.02
44 T	2,2,4-Trimethylpentane	1.318	1.207	8.4	81	-0.02
45 T	t-1,3-Dichloropropene	0.236	0.247	-4.7	73	-0.02
46 T	cis-1,3-Dichloropropene	0.335	0.345	-3.0	76	-0.02
47 T	1,1,2-Trichloroethane	0.323	0.292	9.6	81	-0.02
48 T	Dibromochloromethane	0.486	0.483	0.6	79	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.403	-0.2	78	-0.03
50 T	4-Methyl-2-Pentanone	0.772	0.742	3.9	79	-0.02
51 T	2-Hexanone	0.571	0.567	0.7	77	-0.02
52 T	Tetrachloroethene	0.292	0.265	9.2	81	-0.02
53 T	Toluene	0.850	0.832	2.1	80	-0.02
54 T	1,2-Dibromoethane	0.345	0.333	3.5	78	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	-0.03
56	1,1,1,2-Tetrachloroethane	0.404	0.363	10.1	81	-0.03
57 T	Chlorobenzene	0.735	0.656	10.7	82	-0.03
58 T	Ethyl Benzene	1.153	1.110	3.7	80	-0.03
59 T	m/p-Xylene	1.026	0.950	7.4	81	-0.02
60 T	o-Xylene	0.980	0.922	5.9	82	-0.02
61 T	Styrene	0.528	0.548	-3.8	80	-0.02
62	Isopropylbenzene	1.474	1.329	9.8	81	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.391	0.346	11.5	81	-0.03
64	n-propylbenzene	0.378	0.346	8.5	81	-0.02
65	tert-Butylbenzene	1.303	1.178	9.6	82	-0.02
66 T	Benzyl Chloride	0.104	0.091	12.5	69	-0.03
67	sec-Butylbenzene	1.827	1.648	9.8	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.747	0.730	2.3	80	-0.02
69	p-Isopropyltoluene	1.501	1.358	9.5	81	-0.02
70	n-Butylbenzene	1.472	1.346	8.6	81	-0.03
71	2-Chlorotoluene	1.065	0.977	8.3	81	-0.02
72 T	4-Ethyltoluene	1.119	1.049	6.3	79	-0.03
73 T	1,3,5-Trimethylbenzene	1.024	0.951	7.1	81	-0.02
74 T	1,2,4-Trimethylbenzene	1.147	1.028	10.4	81	-0.02
75 T	1,3-Dichlorobenzene	0.685	0.616	10.1	82	-0.02
76 T	1,4-Dichlorobenzene	0.685	0.585	14.6	81	-0.02
77 T	1,2-Dichlorobenzene	0.668	0.580	13.2	80	-0.03
78 T	Hexachloro-1,3-Butadiene	0.510	0.399	21.8	80	-0.03
79 T	Naphthalene	0.757	0.753	0.5	75	-0.03
80 T	Naphthalene,2-methyl-	0.285	0.268	6.0	78	-0.02
81 T	1,2,4-Trichlorobenzene	0.497	0.433	12.9	77	-0.03

(#) = Out of Range

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