

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039819.D
 Acq On : 3 Nov 2022 10:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 04 08:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 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	104	0.00
2 T	Dichlorodifluoromethane	1.688	1.581	6.3	107	0.00
3	Chlorodifluoromethane	1.192	1.063	10.8	91	0.00
4	Chloromethane	0.742	0.660	11.1	89	0.00
5 T	Vinyl Chloride	0.601	0.553	8.0	87	0.00
6 T	Bromomethane	0.214	0.191	10.7	88	0.00
7	Chloroethane	0.225	0.198	12.0	88	0.00
8 T	Dichlorotetrafluoroethane	1.439	1.264	12.2	90	0.00
9 T	Propene	0.621	0.508	18.2	84	0.00
10 T	Heptane	1.488	1.312	11.8	89	0.00
11 T	Trichlorofluoromethane	1.377	1.231	10.6	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	0.914	8.0	91	0.00
13	Ethanol	0.044	0.039#	11.4	105	0.00
14 T	Bromoethene	0.445	0.408	8.3	92	0.00
15 T	Acetone	1.217	0.916	24.7	88	0.00
16 T	1,3-Butadiene	0.566	0.538	4.9	94	0.00
17	tert-Butyl alcohol	1.159	1.031	11.0	84	0.00
18 T	1,1-Dichloroethene	0.456	0.425	6.8	92	0.00
19 T	Isopropyl Alcohol	0.602	0.503	16.4	81	0.00
20 T	Methylene Chloride	0.435	0.343	21.1	85	0.00
21 T	Allyl Chloride	0.770	0.708	8.1	88	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.430	7.1	90	0.00
23 T	Vinyl Acetate	0.485	0.417	14.0	89	0.00
24 T	1,1-Dichloroethane	0.990	0.908	8.3	92	0.00
25 T	Ethyl Acetate	2.507	2.240	10.7	89	0.00
26 T	Hexane	1.118	0.970	13.2	90	0.00
27 T	Carbon Disulfide	1.174	1.168	0.5	93	0.00
28 T	Methyl tert-Butyl Ether	1.012	0.923	8.8	92	0.00
29 T	Chloroform	1.572	1.435	8.7	91	0.00
30 T	Cyclohexane	0.935	0.835	10.7	91	0.00
31 T	cis-1,2-Dichloroethene	1.019	0.878	13.8	85	0.00
32 T	1,1,1-Trichloroethane	1.565	1.468	6.2	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
34 T	2-Butanone	0.413	0.375	9.2	92	0.00
35 T	Carbon Tetrachloride	0.583	0.542	7.0	92	0.00
36 T	Benzene	0.844	0.747	11.5	91	0.00
37 T	1,2-Dichloroethane	0.405	0.378	6.7	92	0.00
38 T	Trichloroethene	0.452	0.400	11.5	91	0.00
39 T	1,2-Dichloropropane	0.329	0.286	13.1	90	0.00
40 T	1,4-Dioxane	0.126	0.111	11.9	86	0.00
41 T	Tetrahydrofuran	0.345	0.304	11.9	90	0.00
42 T	Bromodichloromethane	0.646	0.579	10.4	90	0.00
43	Methyl Methacrylate	0.333	0.300	9.9	90	0.00
44 T	2,2,4-Trimethylpentane	1.424	1.219	14.4	90	0.00
45 T	t-1,3-Dichloropropene	0.319	0.304	4.7	87	0.00
46 T	cis-1,3-Dichloropropene	0.436	0.406	6.9	89	0.00
47 T	1,1,2-Trichloroethane	0.333	0.292	12.3	91	0.00
48 T	Dibromochloromethane	0.567	0.507	10.6	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.389	14.7	83	0.00
50 T	4-Methyl-2-Pentanone	0.845	0.763	9.7	92	0.00
51 T	2-Hexanone	0.659	0.599	9.1	90	0.00
52 T	Tetrachloroethene	0.316	0.260	17.7	88	-0.01
53 T	Toluene	0.968	0.837	13.5	89	0.00
54 T	1,2-Dibromoethane	0.369	0.346	6.2	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.362	15.4	88	0.00
57 T	Chlorobenzene	0.759	0.649	14.5	89	0.00
58 T	Ethyl Benzene	1.352	1.154	14.6	89	0.00
59 T	m/p-Xylene	1.129	0.945	16.3	89	0.00
60 T	o-Xylene	1.069	0.889	16.8	87	0.00
61 T	Styrene	0.658	0.575	12.6	87	-0.01
62	Isopropylbenzene	1.560	1.286	17.6	88	0.00
63 T	1,1,2,2-Tetrachloroethane	0.398	0.307	22.9	84	0.00
64	n-propylbenzene	0.417	0.344	17.5	86	0.00
65	tert-Butylbenzene	1.370	1.082	21.0	86	0.00
66 T	Benzyl Chloride	0.159	0.117	26.4	67	0.00
67	sec-Butylbenzene	1.864	1.499	19.6	85	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.765	-2.3	109	0.00
69	p-Isopropyltoluene	1.546	1.231	20.4	84	0.00
70	n-Butylbenzene	1.495	1.213	18.9	85	0.00
71	2-Chlorotoluene	1.172	0.954	18.6	85	0.00
72 T	4-Ethyltoluene	1.204	0.999	17.0	84	0.00
73 T	1,3,5-Trimethylbenzene	1.067	0.889	16.7	85	0.00
74 T	1,2,4-Trimethylbenzene	1.134	0.915	19.3	85	0.00
75 T	1,3-Dichlorobenzene	0.662	0.534	19.3	82	0.00
76 T	1,4-Dichlorobenzene	0.650	0.523	19.5	83	0.00
77 T	1,2-Dichlorobenzene	0.624	0.508	18.6	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.462	0.349	24.5	89	0.00
79 T	Naphthalene	0.825	0.788	4.5	99	-0.01
80 T	Naphthalene,2-methyl-	0.350	0.279	20.3	79	0.00
81 T	1,2,4-Trichlorobenzene	0.461	0.404	12.4	94	-0.01

(#) = Out of Range

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