

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039903.D
 Acq On : 18 Nov 2022 13:12
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111822

Quant Time: Nov 18 14:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 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	92	0.00
2 T	Dichlorodifluoromethane	1.432	1.413	1.3	122	0.00
3	Chlorodifluoromethane	1.380	1.242	10.0	88	0.00
4	Chloromethane	0.882	0.796	9.8	84	0.00
5 T	Vinyl Chloride	0.689	0.679	1.5	83	0.00
6 T	Bromomethane	0.235	0.234	0.4	90	0.00
7	Chloroethane	0.272	0.242	11.0	83	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.575	3.7	94	0.00
9 T	Propene	0.650	0.587	9.7	84	0.00
10 T	Heptane	1.568	1.422	9.3	85	0.00
11 T	Trichlorofluoromethane	1.747	1.639	6.2	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.188	10.1	85	0.00
13	Ethanol	0.050	0.039#	22.0	82	0.00
14 T	Bromoethene	0.516	0.492	4.7	85	0.00
15 T	Acetone	1.326	1.262	4.8	92	0.00
16 T	1,3-Butadiene	0.661	0.618	6.5	81	0.00
17	tert-Butyl alcohol	1.525	1.419	7.0	83	0.00
18 T	1,1-Dichloroethene	0.603	0.559	7.3	86	0.00
19 T	Isopropyl Alcohol	0.718	0.646	10.0	79	0.00
20 T	Methylene Chloride	0.643	0.466	27.5	85	0.00
21 T	Allyl Chloride	0.920	0.867	5.8	84	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.591	3.6	88	0.00
23 T	Vinyl Acetate	0.545	0.523	4.0	87	0.00
24 T	1,1-Dichloroethane	1.314	1.200	8.7	85	0.00
25 T	Ethyl Acetate	2.435	2.434	0.0	92	0.00
26 T	Hexane	1.064	1.056	0.8	94	0.00
27 T	Carbon Disulfide	1.343	1.363	-1.5	82	0.00
28 T	Methyl tert-Butyl Ether	1.332	1.181	11.3	82	0.00
29 T	Chloroform	1.414	1.678	-18.7	103	0.00
30 T	Cyclohexane	1.044	0.946	9.4	86	0.00
31 T	cis-1,2-Dichloroethene	0.983	0.939	4.5	84	0.00
32 T	1,1,1-Trichloroethane	1.766	1.770	-0.2	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.478	0.473	1.0	84	0.00
35 T	Carbon Tetrachloride	0.568	0.631	-11.1	92	0.00
36 T	Benzene	0.850	0.830	2.4	88	0.00
37 T	1,2-Dichloroethane	0.466	0.478	-2.6	92	0.00
38 T	Trichloroethene	0.475	0.467	1.7	90	0.00
39 T	1,2-Dichloropropane	0.331	0.319	3.6	85	0.00
40 T	1,4-Dioxane	0.132	0.126	4.5	87	0.00
41 T	Tetrahydrofuran	0.330	0.331	-0.3	84	0.00
42 T	Bromodichloromethane	0.632	0.670	-6.0	89	0.00
43	Methyl Methacrylate	0.333	0.334	-0.3	85	0.00
44 T	2,2,4-Trimethylpentane	1.419	1.334	6.0	86	0.00
45 T	t-1,3-Dichloropropene	0.308	0.345	-12.0	84	0.00
46 T	cis-1,3-Dichloropropene	0.427	0.450	-5.4	86	0.00
47 T	1,1,2-Trichloroethane	0.340	0.330	2.9	88	0.00
48 T	Dibromochloromethane	0.499	0.560	-12.2	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.463	-14.6	84	0.00
50 T	4-Methyl-2-Pentanone	0.857	0.845	1.4	85	0.00
51 T	2-Hexanone	0.665	0.666	-0.2	84	0.00
52 T	Tetrachloroethene	0.318	0.298	6.3	87	0.00
53 T	Toluene	0.968	0.932	3.7	86	0.00
54 T	1,2-Dibromoethane	0.363	0.392	-8.0	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.408	0.2	90	0.00
57 T	Chlorobenzene	0.765	0.721	5.8	89	0.00
58 T	Ethyl Benzene	1.357	1.269	6.5	89	0.00
59 T	m/p-Xylene	1.135	1.060	6.6	89	0.00
60 T	o-Xylene	1.083	1.019	5.9	89	0.00
61 T	Styrene	0.646	0.638	1.2	88	0.00
62	Isopropylbenzene	1.562	1.464	6.3	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.349	3.6	89	0.00
64	n-propylbenzene	0.408	0.393	3.7	89	0.00
65	tert-Butylbenzene	1.366	1.293	5.3	92	0.00
66 T	Benzyl Chloride	0.117	0.131	-12.0	79	0.00
67	sec-Butylbenzene	1.878	1.790	4.7	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.731	4.3	90	0.00
69	p-Isopropyltoluene	1.547	1.495	3.4	93	0.00
70	n-Butylbenzene	1.534	1.513	1.4	94	0.00
71	2-Chlorotoluene	1.184	1.118	5.6	90	0.00
72 T	4-Ethyltoluene	1.217	1.205	1.0	91	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.068	4.1	91	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.133	4.0	91	0.00
75 T	1,3-Dichlorobenzene	0.664	0.661	0.5	91	0.00
76 T	1,4-Dichlorobenzene	0.658	0.658	0.0	91	0.00
77 T	1,2-Dichlorobenzene	0.640	0.628	1.9	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.443	0.2	102	0.00
79 T	Naphthalene	0.706	0.906	-28.3	110	0.00
80 T	Naphthalene,2-methyl-	0.199	0.348	-74.9#	159#	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.488	-11.9	104	0.00

(#) = Out of Range

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