

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041759.D
 Acq On : 16 Dec 2024 18:59
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL121624

Quant Time: Dec 19 07:36:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 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	95	0.00
2 T	Dichlorodifluoromethane	1.779	1.643	7.6	93	0.00
3	Chlorodifluoromethane	1.631	1.618	0.8	98	0.00
4	Chloromethane	0.696	0.668	4.0	100	0.00
5 T	Vinyl Chloride	0.701	0.630	10.1	96	0.00
6 T	Bromomethane	0.331	0.301	9.1	97	0.00
7	Chloroethane	0.272	0.267	1.8	100	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.537	3.5	100	0.00
9 T	Propene	0.707	0.642	9.2	96	0.00
10 T	Heptane	1.816	1.782	1.9	99	0.00
11 T	Trichlorofluoromethane	1.890	1.782	5.7	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.358	5.5	96	0.00
13	Ethanol	0.059	0.042#	28.8	111	0.00
14 T	Bromoethene	0.485	0.485	0.0	97	0.00
15 T	Acetone	1.946	1.460	25.0	95	0.00
16 T	1,3-Butadiene	0.766	0.694	9.4	96	0.00
17	tert-Butyl alcohol	1.930	1.878	2.7	97	0.00
18 T	1,1-Dichloroethene	0.603	0.577	4.3	97	0.00
19 T	Isopropyl Alcohol	1.167	0.886	24.1	98	0.00
20 T	Methylene Chloride	0.555	0.497	10.5	99	0.00
21 T	Allyl Chloride	1.055	1.040	1.4	97	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.656	4.9	97	0.00
23 T	Vinyl Acetate	0.903	0.797	11.7	96	0.00
24 T	1,1-Dichloroethane	1.396	1.339	4.1	97	0.00
25 T	Ethyl Acetate	3.620	3.607	0.4	100	0.00
26 T	Hexane	1.374	1.339	2.5	97	0.00
27 T	Carbon Disulfide	1.238	1.318	-6.5	93	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.957	14.1	83	0.00
29 T	Chloroform	2.093	2.071	1.1	100	0.00
30 T	Cyclohexane	1.169	1.158	0.9	100	0.00
31 T	cis-1,2-Dichloroethene	1.419	1.410	0.6	100	0.00
32 T	1,1,1-Trichloroethane	2.128	2.124	0.2	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.805	0.768	4.6	99	0.00
35 T	Carbon Tetrachloride	0.710	0.794	-11.8	100	0.00
36 T	Benzene	1.034	1.012	2.1	99	0.00
37 T	1,2-Dichloroethane	0.644	0.642	0.3	100	0.00
38 T	Trichloroethene	0.439	0.402	8.4	98	0.00
39 T	1,2-Dichloropropane	0.374	0.365	2.4	98	0.00
40 T	1,4-Dioxane	0.183	0.177	3.3	101	0.00
41 T	Tetrahydrofuran	0.451	0.444	1.6	99	0.00
42 T	Bromodichloromethane	0.740	0.801	-8.2	98	0.00
43	Methyl Methacrylate	0.394	0.403	-2.3	97	0.00
44 T	2,2,4-Trimethylpentane	1.767	1.731	2.0	98	0.00
45 T	t-1,3-Dichloropropene	0.408	0.445	-9.1	100	0.00
46 T	cis-1,3-Dichloropropene	0.518	0.549	-6.0	98	0.00
47 T	1,1,2-Trichloroethane	0.391	0.379	3.1	98	0.00
48 T	Dibromochloromethane	0.534	0.604	-13.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.437	0.510	-16.7	97	0.00
50 T	4-Methyl-2-Pentanone	1.095	1.093	0.2	98	0.00
51 T	2-Hexanone	0.888	0.893	-0.6	99	0.00
52 T	Tetrachloroethene	0.385	0.360	6.5	100	0.00
53 T	Toluene	1.173	1.146	2.3	97	0.00
54 T	1,2-Dibromoethane	0.538	0.536	0.4	99	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.530	0.560	-5.7	99	0.00
57 T	Chlorobenzene	1.023	1.012	1.1	100	0.00
58 T	Ethyl Benzene	1.800	1.856	-3.1	98	0.00
59 T	m/p-Xylene	1.448	1.496	-3.3	99	0.00
60 T	o-Xylene	1.452	1.496	-3.0	99	0.00
61 T	Styrene	0.628	0.696	-10.8	97	0.00
62	Isopropylbenzene	2.181	2.274	-4.3	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.909	0.896	1.4	100	0.00
64	n-propylbenzene	0.551	0.573	-4.0	101	0.00
65	tert-Butylbenzene	1.968	2.006	-1.9	100	0.00
66 T	Benzyl Chloride	0.173	0.192	-11.0	95	0.00
67	sec-Butylbenzene	2.723	2.806	-3.0	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.833	0.847	-1.7	94	0.00
69	p-Isopropyltoluene	2.244	2.383	-6.2	101	0.00
70	n-Butylbenzene	2.168	2.326	-7.3	99	0.00
71	2-Chlorotoluene	1.665	1.721	-3.4	100	0.00
72 T	4-Ethyltoluene	1.713	1.829	-6.8	99	0.00
73 T	1,3,5-Trimethylbenzene	1.422	1.550	-9.0	99	0.00
74 T	1,2,4-Trimethylbenzene	1.529	1.669	-9.2	100	0.00
75 T	1,3-Dichlorobenzene	0.975	0.977	-0.2	99	0.00
76 T	1,4-Dichlorobenzene	0.963	0.992	-3.0	100	0.00
77 T	1,2-Dichlorobenzene	0.938	0.930	0.9	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.617	11.2	99	0.00
79 T	Naphthalene	1.065	1.319	-23.8	98	0.00
80 T	Naphthalene,2-methyl-	0.329	0.668	-103.0#	96	0.00
81 T	1,2,4-Trichlorobenzene	0.582	0.642	-10.3	97	0.00

(#) = Out of Range

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