

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041818.D
 Acq On : 19 Dec 2024 13:16
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 20 01:39:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	121	0.00
2 T	Dichlorodifluoromethane	1.779	1.343	24.5	96	0.00
3	Chlorodifluoromethane	1.631	1.512	7.3	116	0.00
4	Chloromethane	0.696	0.646	7.2	124	0.00
5 T	Vinyl Chloride	0.701	0.606	13.6	117	0.00
6 T	Bromomethane	0.331	0.290	12.4	119	0.00
7	Chloroethane	0.272	0.246	9.6	117	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.403	11.9	116	0.00
9 T	Propene	0.707	0.559	20.9	107	0.00
10 T	Heptane	1.816	1.568	13.7	111	0.00
11 T	Trichlorofluoromethane	1.890	1.662	12.1	112	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.243	13.5	112	0.00
13	Ethanol	0.059	0.043#	27.1	143	0.00
14 T	Bromoethene	0.485	0.418	13.8	106	0.00
15 T	Acetone	1.946	1.494	23.2	123	0.00
16 T	1,3-Butadiene	0.766	0.702	8.4	124	0.00
17	tert-Butyl alcohol	1.930	1.696	12.1	112	0.00
18 T	1,1-Dichloroethene	0.603	0.511	15.3	109	0.00
19 T	Isopropyl Alcohol	1.167	0.846	27.5	119	0.00
20 T	Methylene Chloride	0.555	0.466	16.0	118	0.00
21 T	Allyl Chloride	1.055	0.980	7.1	117	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.584	15.4	110	0.00
23 T	Vinyl Acetate	0.903	0.751	16.8	115	0.00
24 T	1,1-Dichloroethane	1.396	1.266	9.3	117	0.00
25 T	Ethyl Acetate	3.620	3.298	8.9	116	0.00
26 T	Hexane	1.374	1.190	13.4	110	0.00
27 T	Carbon Disulfide	1.238	1.086	12.3	97	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.853	23.4	94	0.00
29 T	Chloroform	2.093	1.908	8.8	117	0.00
30 T	Cyclohexane	1.169	0.957	18.1	105	0.00
31 T	cis-1,2-Dichloroethene	1.419	1.212	14.6	110	0.00
32 T	1,1,1-Trichloroethane	2.128	1.835	13.8	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
34 T	2-Butanone	0.805	0.784	2.6	116	0.00
35 T	Carbon Tetrachloride	0.710	0.763	-7.5	110	0.00
36 T	Benzene	1.034	0.981	5.1	110	0.00
37 T	1,2-Dichloroethane	0.644	0.645	-0.2	115	0.00
38 T	Trichloroethene	0.439	0.372	15.3	104	0.00
39 T	1,2-Dichloropropane	0.374	0.358	4.3	111	0.00
40 T	1,4-Dioxane	0.183	0.167	8.7	109	0.00
41 T	Tetrahydrofuran	0.451	0.426	5.5	109	0.00
42 T	Bromodichloromethane	0.740	0.762	-3.0	107	0.00
43	Methyl Methacrylate	0.394	0.362	8.1	100	0.00
44 T	2,2,4-Trimethylpentane	1.767	1.713	3.1	111	0.00
45 T	t-1,3-Dichloropropene	0.408	0.356	12.7	92	0.00
46 T	cis-1,3-Dichloropropene	0.518	0.461	11.0	94	0.01
47 T	1,1,2-Trichloroethane	0.391	0.372	4.9	110	0.00
48 T	Dibromochloromethane	0.534	0.545	-2.1	100	0.00

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49 T	Bromoform	0.437	0.449	-2.7	98	0.00
50 T	4-Methyl-2-Pentanone	1.095	1.067	2.6	110	0.01
51 T	2-Hexanone	0.888	0.843	5.1	107	0.00
52 T	Tetrachloroethene	0.385	0.318	17.4	101	0.00
53 T	Toluene	1.173	1.037	11.6	101	0.00
54 T	1,2-Dibromoethane	0.538	0.509	5.4	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.530	0.560	-5.7	112	0.00
57 T	Chlorobenzene	1.023	0.990	3.2	111	0.00
58 T	Ethyl Benzene	1.800	1.732	3.8	104	0.00
59 T	m/p-Xylene	1.448	1.469	-1.5	111	0.00
60 T	o-Xylene	1.452	1.454	-0.1	109	0.00
61 T	Styrene	0.628	0.618	1.6	98	0.00
62	Isopropylbenzene	2.181	2.174	0.3	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.909	0.940	-3.4	119	0.00
64	n-propylbenzene	0.551	0.567	-2.9	113	0.00
65	tert-Butylbenzene	1.968	1.946	1.1	110	0.00
66 T	Benzyl Chloride	0.173	0.149	13.9	83	0.00
67	sec-Butylbenzene	2.723	2.765	-1.5	112	0.00
68 S	1-Bromo-4-Fluorobenzene	0.833	0.859	-3.1	108	0.00
69	p-Isopropyltoluene	2.244	2.281	-1.6	110	0.00
70	n-Butylbenzene	2.168	2.285	-5.4	111	0.00
71	2-Chlorotoluene	1.665	1.659	0.4	110	0.00
72 T	4-Ethyltoluene	1.713	1.795	-4.8	111	0.00
73 T	1,3,5-Trimethylbenzene	1.422	1.520	-6.9	111	0.00
74 T	1,2,4-Trimethylbenzene	1.529	1.672	-9.4	114	0.00
75 T	1,3-Dichlorobenzene	0.975	0.976	-0.1	112	0.00
76 T	1,4-Dichlorobenzene	0.963	0.971	-0.8	111	0.00
77 T	1,2-Dichlorobenzene	0.938	0.927	1.2	114	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.561	19.3	102	0.00
79 T	Naphthalene	1.065	1.182	-11.0	100	0.00
80 T	Naphthalene,2-methyl-	0.329	0.503	-52.9#	83	0.00
81 T	1,2,4-Trichlorobenzene	0.582	0.546	6.2	94	0.00

(#) = Out of Range

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