

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
 Data File : VL041711.D
 Acq On : 21 Nov 2024 8:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 01:01:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 22 01:00:55 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	100	0.00
2 T	Dichlorodifluoromethane	1.807	1.212	32.9#	64	0.00
3	Chlorodifluoromethane	1.303	1.200	7.9	101	0.00
4	Chloromethane	0.690	0.658	4.6	102	0.00
5 T	Vinyl Chloride	0.621	0.629	-1.3	101	0.00
6 T	Bromomethane	0.329	0.323	1.8	102	0.00
7	Chloroethane	0.227	0.229	-0.9	103	0.00
8 T	Dichlorotetrafluoroethane	1.613	1.494	7.4	101	0.00
9 T	Propene	0.568	0.535	5.8	101	0.00
10 T	Heptane	1.272	1.333	-4.8	102	0.00
11 T	Trichlorofluoromethane	1.574	1.487	5.5	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.144	1.106	3.3	103	0.00
13	Ethanol	0.035	0.031#	11.4	106	0.00
14 T	Bromoethene	0.460	0.448	2.6	104	0.00
15 T	Acetone	1.231	1.137	7.6	104	0.00
16 T	1,3-Butadiene	0.621	0.630	-1.4	101	0.00
17	tert-Butyl alcohol	1.080	1.080	0.0	104	0.00
18 T	1,1-Dichloroethene	0.502	0.487	3.0	102	0.00
19 T	Isopropyl Alcohol	0.588	0.581	1.2	106	0.00
20 T	Methylene Chloride	0.453	0.410	9.5	103	0.00
21 T	Allyl Chloride	0.761	0.771	-1.3	102	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.500	-0.2	104	0.00
23 T	Vinyl Acetate	0.543	0.536	1.3	104	0.00
24 T	1,1-Dichloroethane	1.114	1.068	4.1	102	0.00
25 T	Ethyl Acetate	2.548	2.515	1.3	102	0.00
26 T	Hexane	0.979	0.996	-1.7	103	0.00
27 T	Carbon Disulfide	1.100	1.195	-8.6	102	0.00
28 T	Methyl tert-Butyl Ether	0.630	0.609	3.3	107	0.00
29 T	Chloroform	1.616	1.533	5.1	101	0.00
30 T	Cyclohexane	0.833	0.844	-1.3	103	0.00
31 T	cis-1,2-Dichloroethene	0.942	0.961	-2.0	103	0.00
32 T	1,1,1-Trichloroethane	1.474	1.501	-1.8	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.498	0.450	9.6	93	0.00
35 T	Carbon Tetrachloride	0.528	0.568	-7.6	99	0.00
36 T	Benzene	0.741	0.766	-3.4	102	0.00
37 T	1,2-Dichloroethane	0.418	0.423	-1.2	102	0.00
38 T	Trichloroethene	0.285	0.311	-9.1	101	0.00
39 T	1,2-Dichloropropane	0.293	0.294	-0.3	102	0.00
40 T	1,4-Dioxane	0.105	0.115	-9.5	102	0.00
41 T	Tetrahydrofuran	0.284	0.314	-10.6	105	0.00
42 T	Bromodichloromethane	0.581	0.606	-4.3	101	0.00
43	Methyl Methacrylate	0.260	0.299	-15.0	102	0.00
44 T	2,2,4-Trimethylpentane	1.255	1.287	-2.5	101	0.00
45 T	t-1,3-Dichloropropene	0.238	0.293	-23.1	102	0.00
46 T	cis-1,3-Dichloropropene	0.341	0.398	-16.7	102	0.00
47 T	1,1,2-Trichloroethane	0.317	0.314	0.9	101	0.00
48 T	Dibromochloromethane	0.482	0.517	-7.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.412	0.457	-10.9	98	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.825	-8.0	101	0.00
51 T	2-Hexanone	0.557	0.638	-14.5	100	0.00
52 T	Tetrachloroethene	0.252	0.281	-11.5	100	0.00
53 T	Toluene	0.779	0.882	-13.2	102	0.00
54 T	1,2-Dibromoethane	0.370	0.425	-14.9	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.418	-1.5	99	0.00
57 T	Chlorobenzene	0.740	0.735	0.7	98	0.00
58 T	Ethyl Benzene	1.096	1.271	-16.0	100	0.00
59 T	m/p-Xylene	0.982	1.078	-9.8	100	0.00
60 T	o-Xylene	0.936	1.037	-10.8	99	0.00
61 T	Styrene	0.386	0.500	-29.5	99	0.00
62	Isopropylbenzene	1.446	1.530	-5.8	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.689	0.719	-4.4	98	0.00
64	n-propylbenzene	0.378	0.415	-9.8	99	0.00
65	tert-Butylbenzene	1.299	1.366	-5.2	98	0.00
66 T	Benzyl Chloride	0.100	0.120	-20.0	100	0.00
67	sec-Butylbenzene	1.831	1.925	-5.1	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.753	-2.2	95	0.00
69	p-Isopropyltoluene	1.481	1.606	-8.4	98	0.00
70	n-Butylbenzene	1.515	1.656	-9.3	99	0.00
71	2-Chlorotoluene	1.045	1.163	-11.3	99	0.00
72 T	4-Ethyltoluene	1.088	1.247	-14.6	99	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.062	-11.2	99	0.00
74 T	1,2,4-Trimethylbenzene	1.109	1.174	-5.9	99	0.00
75 T	1,3-Dichlorobenzene	0.687	0.723	-5.2	99	0.00
76 T	1,4-Dichlorobenzene	0.663	0.699	-5.4	98	0.00
77 T	1,2-Dichlorobenzene	0.681	0.704	-3.4	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.538	0.486	9.7	102	0.00
79 T	Naphthalene	0.685	0.985	-43.8#	107	0.00
80 T	Naphthalene,2-methyl-	0.149	0.210	-40.9#	135	0.00
81 T	1,2,4-Trichlorobenzene	0.431	0.501	-16.2	106	0.00

(#) = Out of Range

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