

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041816.D
 Acq On : 19 Dec 2024 03:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 19 08:04:48 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	117	0.00
2 T	Dichlorodifluoromethane	1.779	1.601	10.0	112	0.00
3	Chlorodifluoromethane	1.631	1.470	9.9	110	0.00
4	Chloromethane	0.696	0.650	6.6	121	0.00
5 T	Vinyl Chloride	0.701	0.594	15.3	112	0.00
6 T	Bromomethane	0.331	0.279	15.7	111	0.00
7	Chloroethane	0.272	0.243	10.7	112	0.00
8 T	Dichlorotetrafluoroethane	1.593	1.431	10.2	115	0.00
9 T	Propene	0.707	0.511	27.7	95	0.00
10 T	Heptane	1.816	1.511	16.8	104	0.02
11 T	Trichlorofluoromethane	1.890	1.679	11.2	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.224	14.8	107	0.00
13	Ethanol	0.059	0.033#	44.1#	107	0.00
14 T	Bromoethene	0.485	0.395	18.6	98	0.00
15 T	Acetone	1.946	1.501	22.9	120	0.00
16 T	1,3-Butadiene	0.766	0.706	7.8	121	0.00
17	tert-Butyl alcohol	1.930	1.624	15.9	104	0.00
18 T	1,1-Dichloroethene	0.603	0.523	13.3	109	0.00
19 T	Isopropyl Alcohol	1.167	0.732	37.3#	100	0.00
20 T	Methylene Chloride	0.555	0.445	19.8	109	0.00
21 T	Allyl Chloride	1.055	0.944	10.5	109	0.00
22 T	trans-1,2-Dichloroethene	0.690	0.565	18.1	103	0.00
23 T	Vinyl Acetate	0.903	0.647	28.3	96	0.00
24 T	1,1-Dichloroethane	1.396	1.247	10.7	112	0.00
25 T	Ethyl Acetate	3.620	3.122	13.8	107	0.00
26 T	Hexane	1.374	1.134	17.5	102	0.00
27 T	Carbon Disulfide	1.238	0.969	21.7	84	0.00
28 T	Methyl tert-Butyl Ether	1.114	0.779	30.1#	83	0.00
29 T	Chloroform	2.093	1.880	10.2	112	0.00
30 T	Cyclohexane	1.169	0.921	21.2	99	0.00
31 T	cis-1,2-Dichloroethene	1.419	1.130	20.4	100	0.00
32 T	1,1,1-Trichloroethane	2.128	1.760	17.3	102	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.01
34 T	2-Butanone	0.805	0.734	8.8	106	0.00
35 T	Carbon Tetrachloride	0.710	0.729	-2.7	102	0.02
36 T	Benzene	1.034	0.932	9.9	101	0.01
37 T	1,2-Dichloroethane	0.644	0.612	5.0	107	0.01
38 T	Trichloroethene	0.439	0.355	19.1	97	0.02
39 T	1,2-Dichloropropane	0.374	0.338	9.6	102	0.02
40 T	1,4-Dioxane	0.183	0.142	22.4	90	0.02
41 T	Tetrahydrofuran	0.451	0.396	12.2	98	0.01
42 T	Bromodichloromethane	0.740	0.722	2.4	99	0.02
43	Methyl Methacrylate	0.394	0.334	15.2	90	0.02
44 T	2,2,4-Trimethylpentane	1.767	1.669	5.5	106	0.02
45 T	t-1,3-Dichloropropene	0.408	0.301	26.2	76	0.02
46 T	cis-1,3-Dichloropropene	0.518	0.207	60.0#	41	0.02
47 T	1,1,2-Trichloroethane	0.391	0.357	8.7	103	0.02
48 T	Dibromochloromethane	0.534	0.512	4.1	92	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.437	0.399	8.7	85	0.01
50 T	4-Methyl-2-Pentanone	1.095	1.010	7.8	101	0.02
51 T	2-Hexanone	0.888	0.770	13.3	95	0.02
52 T	Tetrachloroethene	0.385	0.288	25.2	89	0.02
53 T	Toluene	1.173	0.975	16.9	92	0.02
54 T	1,2-Dibromoethane	0.538	0.474	11.9	98	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.01
56	1,1,1,2-Tetrachloroethane	0.530	0.532	-0.4	103	0.01
57 T	Chlorobenzene	1.023	0.930	9.1	100	0.01
58 T	Ethyl Benzene	1.800	1.603	10.9	93	0.00
59 T	m/p-Xylene	1.448	0.648	55.2#	47	0.01
60 T	o-Xylene	1.452	1.375	5.3	99	0.00
61 T	Styrene	0.628	0.548	12.7	83	0.01
62	Isopropylbenzene	2.181	2.029	7.0	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.909	0.867	4.6	106	0.00
64	n-propylbenzene	0.551	0.515	6.5	99	0.00
65	tert-Butylbenzene	1.968	1.767	10.2	96	0.00
66 T	Benzyl Chloride	0.173	0.109	37.0#	59	0.01
67	sec-Butylbenzene	2.723	2.477	9.0	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.833	0.895	-7.4	108	0.01
69	p-Isopropyltoluene	2.244	1.968	12.3	91	0.00
70	n-Butylbenzene	2.168	1.888	12.9	88	0.00
71	2-Chlorotoluene	1.665	1.455	12.6	92	0.00
72 T	4-Ethyltoluene	1.713	1.579	7.8	93	0.00
73 T	1,3,5-Trimethylbenzene	1.422	1.335	6.1	93	0.00
74 T	1,2,4-Trimethylbenzene	1.529	1.450	5.2	95	0.00
75 T	1,3-Dichlorobenzene	0.975	0.808	17.1	89	0.00
76 T	1,4-Dichlorobenzene	0.963	0.792	17.8	87	0.00
77 T	1,2-Dichlorobenzene	0.938	0.785	16.3	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.473	31.9#	83	0.00
79 T	Naphthalene	1.065	0.972	8.7	79	0.00
80 T	Naphthalene,2-methyl-	0.329	0.315	4.3	50	0.00
81 T	1,2,4-Trichlorobenzene	0.582	0.456	21.6	75	0.00

(#) = Out of Range

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