

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039747.D
 Acq On : 21 Oct 2022 16:01
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL102122

Quant Time: Oct 21 16:44:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 21 16:43:21 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	100	0.00
2 T	Dichlorodifluoromethane	1.675	1.225	26.9	64	0.00
3	Chlorodifluoromethane	1.274	1.267	0.5	103	0.00
4	Chloromethane	0.797	0.768	3.6	102	0.00
5 T	Vinyl Chloride	0.626	0.668	-6.7	103	0.00
6 T	Bromomethane	0.232	0.220	5.2	95	0.00
7	Chloroethane	0.232	0.239	-3.0	99	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.510	2.8	96	0.00
9 T	Propene	0.582	0.619	-6.4	108	-0.01
10 T	Heptane	1.350	1.480	-9.6	100	0.00
11 T	Trichlorofluoromethane	1.559	1.533	1.7	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.219	2.8	98	0.00
13	Ethanol	0.040	0.039#	2.5	121	0.00
14 T	Bromoethene	0.478	0.481	-0.6	99	0.00
15 T	Acetone	1.207	1.089	9.8	92	0.00
16 T	1,3-Butadiene	0.606	0.652	-7.6	105	0.00
17	tert-Butyl alcohol	1.026	1.192	-16.2	111	0.00
18 T	1,1-Dichloroethene	0.538	0.542	-0.7	100	0.00
19 T	Isopropyl Alcohol	0.590	0.637	-8.0	107	0.00
20 T	Methylene Chloride	0.485	0.457	5.8	102	0.00
21 T	Allyl Chloride	0.833	0.879	-5.5	104	0.00
22 T	trans-1,2-Dichloroethene	0.546	0.569	-4.2	101	0.00
23 T	Vinyl Acetate	0.509	0.526	-3.3	111	0.00
24 T	1,1-Dichloroethane	1.162	1.146	1.4	97	0.00
25 T	Ethyl Acetate	2.419	2.318	4.2	98	0.00
26 T	Hexane	0.985	0.940	4.6	100	0.00
27 T	Carbon Disulfide	1.234	1.369	-10.9	97	0.00
28 T	Methyl tert-Butyl Ether	0.934	0.981	-5.0	102	0.00
29 T	Chloroform	1.579	1.290	18.3	83	0.00
30 T	Cyclohexane	0.828	0.906	-9.4	103	0.00
31 T	cis-1,2-Dichloroethene	0.883	0.858	2.8	96	0.00
32 T	1,1,1-Trichloroethane	1.370	1.556	-13.6	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.461	0.453	1.7	103	0.00
35 T	Carbon Tetrachloride	0.518	0.534	-3.1	97	0.00
36 T	Benzene	0.755	0.767	-1.6	105	0.00
37 T	1,2-Dichloroethane	0.407	0.396	2.7	99	0.00
38 T	Trichloroethene	0.405	0.417	-3.0	97	0.00
39 T	1,2-Dichloropropane	0.290	0.284	2.1	102	0.00
40 T	1,4-Dioxane	0.111	0.104	6.3	96	0.00
41 T	Tetrahydrofuran	0.296	0.292	1.4	97	0.00
42 T	Bromodichloromethane	0.558	0.577	-3.4	99	0.00
43	Methyl Methacrylate	0.271	0.297	-9.6	102	0.00
44 T	2,2,4-Trimethylpentane	1.279	1.270	0.7	101	0.00
45 T	t-1,3-Dichloropropene	0.225	0.272	-20.9	100	0.00
46 T	cis-1,3-Dichloropropene	0.318	0.377	-18.6	101	0.00
47 T	1,1,2-Trichloroethane	0.314	0.296	5.7	97	0.00
48 T	Dibromochloromethane	0.474	0.485	-2.3	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.382	0.389	-1.8	89	0.00
50 T	4-Methyl-2-Pentanone	0.752	0.811	-7.8	103	0.00
51 T	2-Hexanone	0.539	0.619	-14.8	102	0.00
52 T	Tetrachloroethene	0.272	0.276	-1.5	100	0.00
53 T	Toluene	0.815	0.874	-7.2	100	0.00
54 T	1,2-Dibromoethane	0.316	0.338	-7.0	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.406	0.367	9.6	95	0.00
57 T	Chlorobenzene	0.734	0.659	10.2	96	0.00
58 T	Ethyl Benzene	1.155	1.153	0.2	96	0.00
59 T	m/p-Xylene	1.021	0.968	5.2	95	0.00
60 T	o-Xylene	0.977	0.921	5.7	94	0.00
61 T	Styrene	0.511	0.553	-8.2	94	0.00
62	Isopropylbenzene	1.454	1.325	8.9	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.315	15.5	90	0.00
64	n-propylbenzene	0.365	0.337	7.7	92	0.00
65	tert-Butylbenzene	1.274	1.131	11.2	91	0.00
66 T	Benzyl Chloride	0.089	0.075	15.7	81	0.00
67	sec-Butylbenzene	1.763	1.572	10.8	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.695	2.1	99	0.00
69	p-Isopropyltoluene	1.421	1.290	9.2	91	0.00
70	n-Butylbenzene	1.367	1.270	7.1	92	0.00
71	2-Chlorotoluene	1.035	0.948	8.4	90	0.00
72 T	4-Ethyltoluene	1.090	1.023	6.1	89	0.00
73 T	1,3,5-Trimethylbenzene	1.015	0.914	10.0	90	0.00
74 T	1,2,4-Trimethylbenzene	1.115	0.986	11.6	91	0.00
75 T	1,3-Dichlorobenzene	0.667	0.563	15.6	89	0.00
76 T	1,4-Dichlorobenzene	0.652	0.554	15.0	89	0.00
77 T	1,2-Dichlorobenzene	0.649	0.541	16.6	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.469	0.394	16.0	105	0.00
79 T	Naphthalene	0.653	0.809	-23.9	115	0.00
80 T	Naphthalene,2-methyl-	0.195	0.265	-35.9#	127	0.00
81 T	1,2,4-Trichlorobenzene	0.437	0.450	-3.0	110	0.00

(#) = Out of Range

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