

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039280.D
 Acq On : 14 Jun 2022 13:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 15 03:18:46 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 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	92	0.00
2 T	Dichlorodifluoromethane	1.756	1.475	16.0	90	0.00
3	Chlorodifluoromethane	1.272	1.067	16.1	86	0.00
4	Chloromethane	0.654	0.561	14.2	86	0.00
5 T	Vinyl Chloride	0.611	0.564	7.7	89	0.00
6 T	Bromomethane	0.301	0.266	11.6	90	0.00
7	Chloroethane	0.213	0.208	2.3	96	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.457	9.2	92	0.00
9 T	Propene	0.555	0.445	19.8	84	0.00
10 T	Heptane	1.294	1.183	8.6	89	0.00
11 T	Trichlorofluoromethane	1.590	1.442	9.3	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.037	1.3	99	0.00
13	Ethanol	0.030	0.033#	-10.0	108	0.00
14 T	Bromoethene	0.473	0.452	4.4	93	0.00
15 T	Acetone	1.042	1.032	1.0	104	0.00
16 T	1,3-Butadiene	0.560	0.566	-1.1	99	0.00
17	tert-Butyl alcohol	0.808	0.896	-10.9	103	0.00
18 T	1,1-Dichloroethene	0.472	0.482	-2.1	102	0.00
19 T	Isopropyl Alcohol	0.489	0.537	-9.8	101	0.00
20 T	Methylene Chloride	0.439	0.396	9.8	109	0.00
21 T	Allyl Chloride	0.703	0.748	-6.4	104	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.500	-10.1	105	0.00
23 T	Vinyl Acetate	0.862	0.800	7.2	82	0.00
24 T	1,1-Dichloroethane	1.181	0.978	17.2	86	0.00
25 T	Ethyl Acetate	2.348	2.150	8.4	92	0.00
26 T	Hexane	1.032	0.896	13.2	87	0.00
27 T	Carbon Disulfide	1.069	1.138	-6.5	97	0.00
28 T	Methyl tert-Butyl Ether	1.139	0.878	22.9	79	0.00
29 T	Chloroform	1.736	1.498	13.7	86	0.00
30 T	Cyclohexane	0.867	0.783	9.7	91	0.00
31 T	cis-1,2-Dichloroethene	1.052	0.920	12.5	86	0.00
32 T	1,1,1-Trichloroethane	1.699	1.516	10.8	85	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.543	0.460	15.3	88	0.00
35 T	Carbon Tetrachloride	0.730	0.595	18.5	86	0.00
36 T	Benzene	0.812	0.687	15.4	91	0.00
37 T	1,2-Dichloroethane	0.534	0.424	20.6	84	0.00
38 T	Trichloroethene	0.373	0.360	3.5	97	0.00
39 T	1,2-Dichloropropane	0.323	0.256	20.7	86	0.00
40 T	1,4-Dioxane	0.106	0.095	10.4	95	0.00
41 T	Tetrahydrofuran	0.327	0.263	19.6	85	0.00
42 T	Bromodichloromethane	0.742	0.584	21.3	83	0.00
43	Methyl Methacrylate	0.316	0.274	13.3	86	0.00
44 T	2,2,4-Trimethylpentane	1.420	1.152	18.9	89	0.00
45 T	t-1,3-Dichloropropene	0.329	0.276	16.1	73	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.357	17.9	77	0.00
47 T	1,1,2-Trichloroethane	0.337	0.289	14.2	91	0.00
48 T	Dibromochloromethane	0.602	0.529	12.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.439	12.4	88	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.719	11.6	90	0.00
51 T	2-Hexanone	0.633	0.549	13.3	89	0.00
52 T	Tetrachloroethene	0.317	0.270	14.8	94	0.00
53 T	Toluene	0.935	0.831	11.1	94	0.00
54 T	1,2-Dibromoethane	0.453	0.392	13.5	89	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.473	0.389	17.8	94	0.00
57 T	Chlorobenzene	0.752	0.644	14.4	98	0.00
58 T	Ethyl Benzene	1.377	1.148	16.6	94	0.00
59 T	m/p-Xylene	1.213	0.989	18.5	93	0.00
60 T	o-Xylene	1.140	0.952	16.5	96	0.00
61 T	Styrene	0.610	0.560	8.2	98	0.00
62	Isopropylbenzene	1.694	1.427	15.8	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.640	0.472	26.3	88	0.00
64	n-propylbenzene	0.416	0.375	9.9	100	0.00
65	tert-Butylbenzene	1.549	1.315	15.1	99	0.00
66 T	Benzyl Chloride	0.201	0.131	34.8#	56	0.00
67	sec-Butylbenzene	2.114	1.792	15.2	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.793	4.1	102	0.00
69	p-Isopropyltoluene	1.783	1.551	13.0	101	0.00
70	n-Butylbenzene	1.830	1.519	17.0	93	0.00
71	2-Chlorotoluene	1.292	1.043	19.3	93	0.00
72 T	4-Ethyltoluene	1.336	1.173	12.2	99	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.061	12.0	99	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.148	14.6	98	0.00
75 T	1,3-Dichlorobenzene	0.761	0.665	12.6	98	0.00
76 T	1,4-Dichlorobenzene	0.759	0.645	15.0	98	0.00
77 T	1,2-Dichlorobenzene	0.767	0.646	15.8	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.493	29.7	87	0.00
79 T	Naphthalene	1.035	0.946	8.6	87	0.00
80 T	Naphthalene,2-methyl-	0.385	0.283	26.5	60	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.554	15.5	91	0.00

(#) = Out of Range

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