

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039334.D
 Acq On : 23 Jun 2022 00:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 23 07:31:11 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	84	0.00
2 T	Dichlorodifluoromethane	1.756	1.387	21.0	78	0.00
3	Chlorodifluoromethane	1.272	1.175	7.6	87	0.00
4	Chloromethane	0.654	0.562	14.1	79	0.00
5 T	Vinyl Chloride	0.611	0.595	2.6	86	0.00
6 T	Bromomethane	0.301	0.288	4.3	90	0.00
7	Chloroethane	0.213	0.219	-2.8	92	0.00
8 T	Dichlorotetrafluoroethane	1.605	1.505	6.2	87	0.00
9 T	Propene	0.555	0.456	17.8	79	0.00
10 T	Heptane	1.294	1.305	-0.9	90	0.00
11 T	Trichlorofluoromethane	1.590	1.543	3.0	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.051	1.153	-9.7	101	0.00
13	Ethanol	0.030	0.029#	3.3	89	0.00
14 T	Bromoethene	0.473	0.466	1.5	88	0.00
15 T	Acetone	1.042	1.311	-25.8	122	0.00
16 T	1,3-Butadiene	0.560	0.590	-5.4	95	0.00
17	tert-Butyl alcohol	0.808	0.978	-21.0	104	0.00
18 T	1,1-Dichloroethene	0.472	0.491	-4.0	95	0.00
19 T	Isopropyl Alcohol	0.489	0.530	-8.4	92	0.00
20 T	Methylene Chloride	0.439	0.417	5.0	105	0.00
21 T	Allyl Chloride	0.703	0.763	-8.5	98	0.00
22 T	trans-1,2-Dichloroethene	0.454	0.513	-13.0	99	0.00
23 T	Vinyl Acetate	0.862	0.771	10.6	73	0.00
24 T	1,1-Dichloroethane	1.181	1.054	10.8	85	0.00
25 T	Ethyl Acetate	2.348	2.556	-8.9	100	-0.01
26 T	Hexane	1.032	0.997	3.4	89	0.00
27 T	Carbon Disulfide	1.069	1.205	-12.7	94	0.00
28 T	Methyl tert-Butyl Ether	1.139	0.958	15.9	79	0.00
29 T	Chloroform	1.736	1.629	6.2	86	0.00
30 T	Cyclohexane	0.867	0.838	3.3	90	0.00
31 T	cis-1,2-Dichloroethene	1.052	0.967	8.1	83	0.00
32 T	1,1,1-Trichloroethane	1.699	1.633	3.9	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.543	0.484	10.9	86	0.00
35 T	Carbon Tetrachloride	0.730	0.614	15.9	83	0.00
36 T	Benzene	0.812	0.736	9.4	91	0.00
37 T	1,2-Dichloroethane	0.534	0.437	18.2	82	0.00
38 T	Trichloroethene	0.373	0.325	12.9	83	-0.01
39 T	1,2-Dichloropropane	0.323	0.273	15.5	86	0.00
40 T	1,4-Dioxane	0.106	0.093	12.3	87	0.00
41 T	Tetrahydrofuran	0.327	0.277	15.3	84	0.00
42 T	Bromodichloromethane	0.742	0.618	16.7	82	0.00
43	Methyl Methacrylate	0.316	0.316	0.0	93	-0.01
44 T	2,2,4-Trimethylpentane	1.420	1.234	13.1	89	0.00
45 T	t-1,3-Dichloropropene	0.329	0.243	26.1	60	0.00
46 T	cis-1,3-Dichloropropene	0.435	0.340	21.8	69	0.00
47 T	1,1,2-Trichloroethane	0.337	0.313	7.1	92	0.00
48 T	Dibromochloromethane	0.602	0.555	7.8	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.501	0.470	6.2	88	0.00
50 T	4-Methyl-2-Pentanone	0.813	0.761	6.4	89	0.00
51 T	2-Hexanone	0.633	0.578	8.7	88	0.00
52 T	Tetrachloroethene	0.317	0.296	6.6	97	0.00
53 T	Toluene	0.935	0.900	3.7	96	0.00
54 T	1,2-Dibromoethane	0.453	0.435	4.0	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.01
56	1,1,1,2-Tetrachloroethane	0.473	0.450	4.9	100	0.00
57 T	Chlorobenzene	0.752	0.721	4.1	100	0.00
58 T	Ethyl Benzene	1.377	1.288	6.5	97	0.00
59 T	m/p-Xylene	1.213	1.123	7.4	97	0.00
60 T	o-Xylene	1.140	1.079	5.4	99	0.00
61 T	Styrene	0.610	0.619	-1.5	100	0.00
62	Isopropylbenzene	1.694	1.661	1.9	105	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.640	0.682	-6.6	117	-0.01
64	n-propylbenzene	0.416	0.442	-6.3	108	0.00
65	tert-Butylbenzene	1.549	1.544	0.3	107	0.00
66 T	Benzyl Chloride	0.201	0.103	48.8#	41	-0.01
67	sec-Butylbenzene	2.114	2.114	0.0	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.827	0.812	1.8	96	0.00
69	p-Isopropyltoluene	1.783	1.834	-2.9	109	-0.01
70	n-Butylbenzene	1.830	1.822	0.4	102	-0.01
71	2-Chlorotoluene	1.292	1.243	3.8	102	0.00
72 T	4-Ethyltoluene	1.336	1.328	0.6	103	0.00
73 T	1,3,5-Trimethylbenzene	1.205	1.213	-0.7	103	0.00
74 T	1,2,4-Trimethylbenzene	1.345	1.315	2.2	103	0.00
75 T	1,3-Dichlorobenzene	0.761	0.781	-2.6	106	0.00
76 T	1,4-Dichlorobenzene	0.759	0.747	1.6	104	0.00
77 T	1,2-Dichlorobenzene	0.767	0.764	0.4	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.701	0.600	14.4	97	0.00
79 T	Naphthalene	1.035	1.113	-7.5	94	-0.01
80 T	Naphthalene,2-methyl-	0.385	0.275	28.6	54	0.00
81 T	1,2,4-Trichlorobenzene	0.656	0.619	5.6	93	0.00

(#) = Out of Range

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